

GenCore version 5.1.6
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OM protein - protein search, using bw model

Run on: July 27, 2005, 19:26:29 ; Search time 42 Seconds
(without alignments)
167.072 Million cell updates/sec

Title: US-09-977-406A-1

Perfect score: 94
Sequence: 1 SCVFIPNKGVPDSTRKCMD.....YIVVEKKDPKXCVSEWII 94

Scoring table: OLIGO
Gapex 60.0, Gapext 60.0

Searched: 513545 seqs, 74649064 residues

Word size: 0

Total number of hits satisfying chosen parameters: 513545

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Listing first 45 summaries

Database: Issued Patents, AA:

- 1: /cgn2_6/ptodata/1/1aa/5A.COMB.pep.*
- 2: /cgn2_6/ptodata/1/1aa/5B.COMB.pep.*
- 3: /cgn2_6/ptodata/1/1aa/6A.COMB.pep.*
- 4: /cgn2_6/ptodata/1/1aa/6B.COMB.pep.*
- 5: /cgn2_6/ptodata/1/1aa/PCTUS.COMB.pep.*
- 6: /cgn2_6/ptodata/1/1aa/backfile1.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	94	100.0	94	1 US-07-899-535A-1	Sequence 1, Appli
2	94	100.0	114	4 US-09-513-999C-7807	Sequence 7807, Ap
3	26	27.7	28	1 US-07-899-535A-4	Sequence 4, Appli
4	17	18.1	17	1 US-07-899-535A-3	Sequence 3, Appli
5	7	7.4	10	1 US-07-899-535A-2	Sequence 2, Appli
6	7	7.4	235	4 US-09-270-767-57304	Sequence 57304, A
7	7	7.4	514	4 US-09-270-767-42047	Sequence 42047, A
8	7	7.4	626	4 US-09-948-722-2	Sequence 2, Appli
9	7	7.4	40	3 US-09-065-383-30	Sequence 30, Appli
10	6	6.4	66	4 US-09-270-767-39485	Sequence 39485, A
11	6	6.4	66	4 US-09-270-767-54702	Sequence 54702, A
12	6	6.4	104	3 US-08-858-207A-428	Sequence 428, App
13	6	6.4	114	4 US-09-252-991A-25178	Sequence 25178, A
14	6	6.4	165	4 US-09-902-540-15519	Sequence 15519, A
15	6	6.4	222	2 US-09-384-162-8	Sequence 8, Appli
16	6	6.4	241	2 US-08-460-309-17	Sequence 17, Appli
17	6	6.4	241	2 US-08-125-077-17	Sequence 17, Appli
18	6	6.4	265	4 US-09-543-681A-6305	Sequence 6305, Ap
19	6	6.4	301	4 US-09-949-016-6524	Sequence 6524, Ap
20	6	6.4	301	4 US-09-949-016-6524	Sequence 6524, Ap
21	6	6.4	338	4 US-09-270-767-46028	Sequence 46028, A
22	6	6.4	339	4 US-09-248-796A-16100	Sequence 16100, A
23	6	6.4	350	4 US-09-270-767-43557	Sequence 43557, A
24	6	6.4	363	4 US-09-328-352-5693	Sequence 5693, Ap
25	6	6.4	371	4 US-09-270-767-43550	Sequence 43550, A
26	6	6.4	393	3 US-08-888-429A-21	Sequence 21, Appli

28	6	6.4	393	4 US-09-593-653-21	Sequence 21, Appli
29	6	6.4	425	4 US-09-634-955B-19	Sequence 19, Appli
30	6	6.4	433	4 US-09-489-039A-9744	Sequence 9744, Ap
31	6	6.4	453	4 US-09-328-352-4181	Sequence 4181, Ap
32	6	6.4	454	4 US-09-107-532A-4860	Sequence 4860, Ap
33	6	6.4	454	4 US-09-134-000C-6535	Sequence 6535, Ap
34	6	6.4	460	4 US-09-248-796A-19819	Sequence 19819, A
35	6	6.4	479	4 US-09-252-991A-19246	Sequence 19246, A
36	6	6.4	481	4 US-09-914-259-36	Sequence 36, Appli
37	6	6.4	486	4 US-09-914-259-36	Sequence 35, Appli
38	6	6.4	486	4 US-09-976-554-378	Sequence 278, App
39	6	6.4	486	4 US-09-949-016-6216	Sequence 6216, Ap
40	6	6.4	487	4 US-09-206-166-6	Sequence 6, Appli
41	6	6.4	489	4 US-09-328-352-5330	Sequence 5330, Ap
42	6	6.4	498	3 US-09-232-468A-18	Sequence 18, Appli
43	6	6.4	498	3 US-09-232-468A-23	Sequence 23, Appli
44	6	6.4	498	3 US-08-686-968C-231	Sequence 231, App
45	6	6.4	498	4 US-09-784-984B-52	Sequence 52, Appli

ALIGNMENTS

```

RESULT 1
US-07-899-535A-1
; Sequence 1, Application US/07899535A
; Patent No. 5428011
; GENERAL INFORMATION:
; APPLICANT: Sheth, Anil R.
; APPLICANT: Garde, Seema
; APPLICANT: Panchal, Chandra J.
; TITLE OF INVENTION: Pharmaceutical Preparations For
; TITLE OF INVENTION: Inhibiting Tumours Associated With Prostate
; TITLE OF INVENTION: Adenocarcinoma, Stomach Cancer and Breast Cancer.
; NUMBER OF SEQUENCES: 4
; CORRESPONDENCE ADDRESS:
; ADDRESS: Mr. George Loud
; STREET: 2001 Jefferson Davis Highway, Suite 306
; CITY: Arlington
; STATE: Virginia
; COUNTRY: U.S.A.
; ZIP: 22202
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07899,535A
; FILING DATE: 16-JUN-1992
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Loud, George A.
; REGISTRATION NUMBER: 25,814
; REFERENCE/DOCKET NUMBER: S&B-A835
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 703-415-0960
; TELEFAX: 703-415-0962
; TELEX: 24 8614
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 94 amino acids
; TYPE: amino acid
; STRANDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; HYPOTHEICAL: NO
; US-07-899-535A-1
;
Query Match      100.0%; Score 94; DB 1; Length 94;
Best Local Similarity 100.0%; Pred. NO. 8.1e-99;
Matches 94; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Qy      1 SCYIPNKGVPDSTRKCMDLKGKNGHPINSEMOJDNCTCTCYETETISCTTIVSTPVGYD 60
Db      1 SCYIPNKGVPDSTRKCMDLKGKNGHPINSEMOJDNCTCTCYETETISCTTIVSTPVGYD 60
Qy      61 KDNCRIFPKEDCKYIVVEKDPKKTCSVSEMI 94
Db      61 KDNCRIFPKEDCKYIVVEKDPKKTCSVSEMI 94

RESULT 2
US-09-513-999C-7807
; Sequence 7807, Application US/09513999C
; Patent No. 6783961
; GENERAL INFORMATION:
; APPLICANT: Dumas Milne Edwards, J.B.
; APPLICANT: Duclert, A.
; APPLICANT: Giordano, J.Y.
; TITLE OF INVENTION: Expressed Sequence Tags and Encoded Human Proteins.
; Patent No. 6783961
; FILE REFERENCE: 59, US2, REG
; CURRENT APPLICATION NUMBER: US/09/513, 999C
; CURRENT FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/122,487
; PRIOR FILING DATE: 1999-02-26
; NUMBER OF SEQ ID NOS: 36681
; SOFTWARE: Patent.pm
; SEQ ID NO: 7807
; LENGTH: 114
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: SIGNAL
; LOCATION: -20...-1
; OTHER INFORMATION: score 9
; OTHER INFORMATION: seq VVIFATFTLCA/SC
US-09-513-999C-7807

Query Match      100.0%; Score 94; DB 4; Length 114;
Best Local Similarity 100.0%; Pred. No. 9,6e-99;
Matches 94; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 SCYIPNKGVPDSTRKCMDLKGKNGHPINSEMOJDNCTCTCYETETISCTTIVSTPVGYD 60
Db      21 SCYIPNKGVPDSTRKCMDLKGKNGHPINSEMOJDNCTCTCYETETISCTTIVSTPVGYD 80
Qy      61 KDNCRIFPKEDCKYIVVEKDPKKTCSVSEMI 94
Db      81 KDNCRIFPKEDCKYIVVEKDPKKTCSVSEMI 114

RESULT 3
US-07-899-535A-4
; Sequence 4, Application US/07899535A
; Patent No. 5428011
; GENERAL INFORMATION:
; APPLICANT: Sheth, Anil R.
; APPLICANT: Garde, Seema
; APPLICANT: Panchal, Chandra J.
; TITLE OF INVENTION: Pharmaceutical Preparations For
; TITLE OF INVENTION: Inhibiting Tumours Associated With Prostate
; TITLE OF INVENTION: Adenocarcinoma, Stomach Cancer and Breast Cancer.
; NUMBER OF SEQUENCES: 4
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Mr. George Loud
; STREET: 2001 Jefferson Davis Highway, Suite 306
; CITY: Arlington
; STATE: Virginia
; COUNTRY: U.S.A.
; ZIP: 22202
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
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; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/899,535A
; FILING DATE: 16-JUN-1992
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Loud, George A. 25,814
; REGISTRATION NUMBER: 25,814
; REFERENCE/DOCKET NUMBER: S&B-A835
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 703-415-0960
; TELEFAX: 703-415-0962
; TELEX: 24 8614
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 28 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
; HYPOTHEICAL: NO
US-07-899-535A-4

Query Match      27.7%; Score 26; DB 1; Length 28;
Best Local Similarity 100.0%; Pred. No. 2,9e-22;
Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      67 IFPKEDCKYIVVEKDPKKTCSVSEW 92
Db      1 IFPKEDCKYIVVEKDPKKTCSVSEW 26

RESULT 4
US-07-899-535A-3
; Sequence 3, Application US/07899535A
; Patent No. 5428011
; GENERAL INFORMATION:
; APPLICANT: Sheth, Anil R.
; APPLICANT: Garde, Seema
; APPLICANT: Panchal, Chandra J.
; TITLE OF INVENTION: Pharmaceutical Preparations For
; TITLE OF INVENTION: Inhibiting Tumours Associated With Prostate
; TITLE OF INVENTION: Adenocarcinoma, Stomach Cancer and Breast Cancer.
; NUMBER OF SEQUENCES: 4
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Mr. George Loud
; STREET: 2001 Jefferson Davis Highway, Suite 306
; CITY: Arlington
; STATE: Virginia
; COUNTRY: U.S.A.
; ZIP: 22202
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/899,535A
; FILING DATE: 16-JUN-1992
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Loud, George A. 25,814
; REGISTRATION NUMBER: 25,814
; REFERENCE/DOCKET NUMBER: S&B-A835
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 703-415-0960
; TELEFAX: 703-415-0962
; TELEX: 24 8614
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
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HYPOTHEICAL: NO
US-07-899-535A-3

Query Match
Best Local Similarity 18.1%; Score 17; DB 1; Length 17;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 SCYFIPNEGVPDSTRK 17
1 SCYFIPNEGVPDSTRK 17

Db 1 SCYFIPNEGVPDSTRK 17

RESULT 5
US-07-899-535A-2
Sequence 2, Application US/07899535A
Patent No. 5428011
GENERAL INFORMATION:
APPLICANT: Sheth, Anil R.
APPLICANT: Garde, Seema
APPLICANT: Panchal, Chandra U.
TITLE OF INVENTION: Pharmaceutical Preparations For
TITLE OF INVENTION: Inhibiting Tumours Associated With Prostate
TITLE OF INVENTION: Adenocarcinoma, Stomach Cancer and Breast Cancer.
NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
ADDRESSEE: Mr. George Loud
STREET: 2001 Jefferson Davis Highway, Suite 306
CITY: Arlington
STATE: Virginia
COUNTRY: U.S.A.
ZIP: 22202
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/899,535A
FILING DATE: 16-JUN-1992
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Loud, George A.
REGISTRATION NUMBER: 25, 814
REFERENCE/DOCKET NUMBER: S&B-A835
TELECOMMUNICATION INFORMATION:
TELEPHONE: 703-415-0960
TELEFAX: 703-415-0962
TELEX: 24 8614
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 10 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: peptide
HYPOTHEICAL: NO
US-07-899-535A-2

Query Match
Best Local Similarity 7.4%; Score 7; DB 1; Length 10;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 86 TCSVSEW 92
1 TCSVSEW 92
2 TCSVSEW 8

Db 2 TCSVSEW 8

RESULT 6
US-09-270-767-57304
Sequence 57304, Application US/09270767
Patent No. 6703491
GENERAL INFORMATION:
APPLICANT: Homburger et al.
TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster

FILE REFERENCE: File Reference: 7326-094
CURRENT APPLICATION NUMBER: US/09/270,767
CURRENT FILING DATE: 1999-03-17
NUMBER OF SEQ ID NOS: 62517
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 57304
LENGTH: 235
TYPE: PRT
ORGANISM: Drosophila melanogaster
US-09-270-767-57304

Query Match
Best Local Similarity 7.4%; Score 7; DB 4; Length 235;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 21 LKGNKHP 27
1 LKGNKHP 27
33 LKGNKHP 39

Db 33 LKGNKHP 39

RESULT 7
US-09-270-767-42047
Sequence 42047, Application US/09270767
Patent No. 6703491
GENERAL INFORMATION:
APPLICANT: Homburger et al.
TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster
FILE REFERENCE: File Reference: 7326-094
CURRENT APPLICATION NUMBER: US/09/270,767
CURRENT FILING DATE: 1999-03-17
NUMBER OF SEQ ID NOS: 62517
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 42047
LENGTH: 514
TYPE: PRT
ORGANISM: Drosophila melanogaster
US-09-270-767-42047

Query Match
Best Local Similarity 7.4%; Score 7; DB 4; Length 514;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 21 LKGNKHP 27
1 LKGNKHP 27
312 LKGNKHP 318

Db 312 LKGNKHP 318

RESULT 8
US-09-485-717-2
Sequence 2, Application US/09485717
Patent No. 6673353
GENERAL INFORMATION:
APPLICANT: Kautmann, Stefan
APPLICANT: Hesse, Jigen
TITLE OF INVENTION: Tuberculosis Vaccine
FILE REFERENCE: 16862PUS
CURRENT APPLICATION NUMBER: US/09/485,717
CURRENT FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: EP 97114614.7
PRIOR FILING DATE: 1997-08-22
PRIOR APPLICATION NUMBER: PCT/EP98-05109
PRIOR FILING DATE: 1998-08-12
NUMBER OF SEQ ID NOS: 2
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 2
LENGTH: 626
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: recombinant
US-09-485-717-2

Query Match
7.4%; Score 7; DB 4; Length 626;

Best Local Similarity 100.0%; Pred. No. 16;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 75 YIIVEKK 81
|||
Db 143 YIIVEKK 149

RESULT 9

US-09-948-722-2
Sequence 2, Application US/09948722
Patent No. 6776893
GENERAL INFORMATION:
APPLICANT: Kauffmann, Stefan H. E.
APPLICANT: Hees, Jurgen
TITLE OF INVENTION: Tuberculosis Vaccine
FILE REFERENCE: 100564-00079
CURRENT APPLICATION NUMBER: US/09/948,722
CURRENT FILING DATE: 2002-04-08
PRIOR APPLICATION NUMBER: US 09/485,717
PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: PCT/EP98/05109
PRIOR FILING DATE: 1998-08-12
PRIOR APPLICATION NUMBER: EP 97/114,614.7
PRIOR FILING DATE: 1997-08-23
NUMBER OF SEQ ID NOS: 2
SOFTWARE: PatentIn version 3.1
SEQ ID NO 2
LENGTH: 626
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: recombinant nucleic acid
OTHER INFORMATION: molecule comprising a domain of Mycobacterium and a phagolysomal
US-09-948-722-2

Query Match 7.4%; Score 7; DB 4; Length 626;
Best Local Similarity 100.0%; Pred. No. 16;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 75 YIIVEKK 81
|||
Db 143 YIIVEKK 149

RESULT 10

US-09-065-383-30
Sequence 30, Application US/09065383
Patent No. 6391543
GENERAL INFORMATION:
APPLICANT: BILLING-MEDEL, PATRICIA
APPLICANT: COHEN, MAURICE
APPLICANT: COLPITTS, TRACEY L.
APPLICANT: FRIEDMAN, PAULA N.
APPLICANT: GORDON, JULIAN
APPLICANT: GRANADOS, EDWARD N.
APPLICANT: HODGES, STEVEN C.
APPLICANT: KLAAS, MICHAEL R.
APPLICANT: KRATOCHVIL, JON D.
APPLICANT: ROBERTS-RAPP, LISA
APPLICANT: RUSSELL, JOHN C.
APPLICANT: STROUPE, STEPHEN D.
TITLE OF INVENTION: REAGENTS AND METHODS USEFUL
TITLE OF INVENTION: FOR DETECTING DISEASES OF THE PROSTATE
NUMBER OF SEQUENCES: 33
CORRESPONDENCE ADDRESSES:
ADDRESSEE: Abbott Laboratories
STREET: 100 Abbott Park Road
CITY: Abbott Park
STATE: IL
COUNTRY: USA
ZIP: 60064-3500

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FASTSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/065,383
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/842,385
FILING DATE: 23-APR-1997
ATTORNEY/AGENT INFORMATION:
NAME: Becker, Cheryl L.
REGISTRATION NUMBER: 35,441
REFERENCE/DOCKET NUMBER: 6084.US.P1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 847/935-1729
TELEFAX: 847/938-2623
TELEX:
INFORMATION FOR SEQ ID NO: 30:
SEQUENCE CHARACTERISTICS:
LENGTH: 40 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: No. 6391543e
US-09-065-383-30

Query Match 6.4%; Score 6; DB 3; Length 40;
Best Local Similarity 100.0%; Pred. No. 18;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 78 VEKKDP 83
|||
Db 4 VEKKDP 9

RESULT 11

US-09-270-767-39485
Sequence 39485, Application US/09270767
Patent No. 6703491
GENERAL INFORMATION:
APPLICANT: Homburger et al.
TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster
FILE REFERENCE: File Reference: 7326-094
CURRENT APPLICATION NUMBER: US/09/270,767
CURRENT FILING DATE: 1999-03-17
NUMBER OF SEQ ID NOS: 62517
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 39485
LENGTH: 66
TYPE: PRT
ORGANISM: Drosophila melanogaster
FEATURE:
OTHER INFORMATION: Xaa means any amino acid
US-09-270-767-39485

Query Match 6.4%; Score 6; DB 4; Length 66;
Best Local Similarity 100.0%; Pred. No. 29;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 71 EDCKYI 76
|||
Db 24 EDCKYI 29

RESULT 12

US-09-270-767-54702
Sequence 54702, Application US/09270767
Patent No. 6703491
GENERAL INFORMATION:
APPLICANT: Homburger et al.

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; TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster
; FILE REFERENCE: File Reference: 7326-094
; CURRENT APPLICATION NUMBER: US/09/270,767
; CURRENT FILING DATE: 1999-03-17
; NUMBER OF SEQ ID NOS: 62517
; SOFTWARE: Patent Ver. 2.0
; SEQ ID NO 54702
; LENGTH: 66
; TYPE: PRT
; ORGANISM: Drosophila melanogaster
; FEATURE:
; OTHER INFORMATION: Xaa means any amino acid
US-09-270-767-54702

Query Match          6.4%; Score 6; DB 4; Length 66;
Best Local Similarity 100.0%; Pred. No. 29;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      71 EDCKYI 76
        |||||
Db      24 EDCKYI 29

RESULT 13
US-08-858-207A-428
; Sequence 428, Application US/08858207A
; Patent No. 6348328
; GENERAL INFORMATION:
; APPLICANT: Black, Michael
; APPLICANT: Hodgson, John
; APPLICANT: Knowles, David
; APPLICANT: Nicholas, Richard
; APPLICANT: Stodola, Robert
; TITLE OF INVENTION: No. 6348328e1 Compounds
; NUMBER OF SEQUENCES: 552
; CORRESPONDENCE ADDRESSES:
; ADDRESSEE: SmithKline Beecham Corporation
; STREET: 709 Swedeland Road
; CITY: King of Prussia
; STATE: PA
; COUNTRY: USA
; ZIP: 19406-0939
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/858,207A
; FILING DATE: 09-MAY-1997
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/017670
; FILING DATE: 14-MAY-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Gimm, Edward R
; REGISTRATION NUMBER: 38,891
; REFERENCE/DOCKET NUMBER: P50475
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 610-270-4478
; TELEFAX: 610-270-5090
; TELEX:
; INFORMATION FOR SEQ ID NO: 428:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 104 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: No. 6348328e
US-08-858-207A-428

Query Match          6.4%; Score 6; DB 3; Length 104;
Best Local Similarity 100.0%; Pred. No. 43;

Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      57 VGYDKD 62
        |||||
Db      47 VGYDKD 52

RESULT 14
US-09-252-991A-25178
; Sequence 25178, Application US/09252991A
; Patent No. 6551795
; GENERAL INFORMATION:
; APPLICANT: Marc J. Rubenfield et al.
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
; FILE REFERENCE: 107196.136
; CURRENT APPLICATION NUMBER: US/09/252,991A
; CURRENT FILING DATE: 1999-02-18
; PRIOR APPLICATION NUMBER: US 60/074,788
; PRIOR FILING DATE: 1998-02-18
; PRIOR APPLICATION NUMBER: US 60/094,190
; PRIOR FILING DATE: 1998-07-27
; NUMBER OF SEQ ID NOS: 33142
; SEQ ID NO 25178
; LENGTH: 114
; TYPE: PRT
; ORGANISM: Pseudomonas aeruginosa
US-09-252-991A-25178

Query Match          6.4%; Score 6; DB 4; Length 114;
Best Local Similarity 100.0%; Pred. No. 47;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      51 TLVSTP 56
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Db      65 TLVSTP 70

RESULT 15
US-09-902-540-15519
; Sequence 15519, Application US/09902540
; Patent No. 6833447
; GENERAL INFORMATION:
; APPLICANT: Goldman, Barry S.
; APPLICANT: Hinkle, Gregory J.
; APPLICANT: Slater, Steven C.
; APPLICANT: Wiegand, Roger C.
; TITLE OF INVENTION: Myxococcus xanthus Genome Sequences and Uses Thereof
; FILE REFERENCE: 38-10(115849)B
; CURRENT APPLICATION NUMBER: US/09/902,540
; CURRENT FILING DATE: 2001-07-10
; PRIOR APPLICATION NUMBER: 60/217,883
; PRIOR FILING DATE: 2000-07-10
; NUMBER OF SEQ ID NOS: 16825
; SEQ ID NO 15519
; LENGTH: 165
; TYPE: PRT
; ORGANISM: Myxococcus xanthus
US-09-902-540-15519

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Best Local Similarity 100.0%; Pred. No. 65;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      53 VSTPVG 58
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Db      86 VSTPVG 91

Search completed: July 27, 2005, 20:10:17
Job time : 44 secs
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GenCore version 5.1.6
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OM protein - protein search, using sw model

Run on: July 27, 2005, 20:06:20 ; Search time 155 seconds
(without alignments)
235.905 Million cell updates/sec

Title: US-09-977-406A-1

Perfect score: 94
Sequence: 1 SCYLPNGVPGDSTRKCMD.....YIVVEKKDPKTKSVSEWII 94

Scoring table:
Gapop 60.0 , Gapext 60.0

Searched: 1741741 seqs, 388992284 residues

Word size : 0

Total number of hits satisfying chosen parameters: 1741741

Minimum DB seq length: 0

Maximum DB seq length: 200000000

Post-processing: listing first 45 summaries

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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2	94	100.0	94	14	US-10-291-360-1 Sequence 1, Appli
3	94	100.0	94	17	US-10-857-358-1 Sequence 1, Appli
4	94	100.0	94	17	US-10-948-229-1 Sequence 1, Appli
5	94	100.0	94	20	US-11-004-270-1 Sequence 1, Appli
6	94	100.0	94	20	US-11-004-273-1 Sequence 1, Appli
7	94	100.0	102	10	US-09-977-406A-2 Sequence 2, Appli
8	94	100.0	102	14	US-10-291-360-2 Sequence 2, Appli
9	94	100.0	102	17	US-10-857-358-2 Sequence 2, Appli
10	94	100.0	102	17	US-10-948-229-2 Sequence 2, Appli
11	94	100.0	102	20	US-11-004-270-2 Sequence 2, Appli

12	94	100.0	102	20	US-11-004-273-2 Sequence 2, Appli
13	94	100.0	114	13	US-10-012-896-1003 Sequence 1003, Ap
14	94	100.0	114	14	US-10-205-823-271 Sequence 271, Ap
15	94	100.0	114	14	US-10-144-678A-1003 Sequence 1003, Ap
16	94	100.0	114	14	US-10-294-025-1003 Sequence 1003, Ap
17	94	100.0	114	15	US-10-291-172-236 Sequence 236, App
18	94	100.0	114	15	US-10-221-278-236 Sequence 236, App
19	94	100.0	114	16	US-10-408-765A-532 Sequence 532, App
20	94	100.0	132	9	US-09-925-300-1027 Sequence 1027, Ap
21	69	73.4	118	16	US-10-425-115-272486 Sequence 272486, Ap
22	64	68.1	64	10	US-09-977-406A-58 Sequence 58, Appli
23	64	68.1	64	17	US-10-948-229-57 Sequence 57, Appli
24	64	68.1	64	20	US-11-004-270-57 Sequence 57, Appli
25	64	68.1	64	20	US-11-004-273-57 Sequence 57, Appli
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27	63	67.0	63	17	US-10-948-229-56 Sequence 56, Appli
28	63	67.0	63	20	US-11-004-270-56 Sequence 56, Appli
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31	62	66.0	62	17	US-10-948-229-55 Sequence 55, Appli
32	62	66.0	62	20	US-11-004-270-55 Sequence 55, Appli
33	62	66.0	62	20	US-11-004-273-55 Sequence 55, Appli
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39	60	63.8	60	17	US-10-948-229-53 Sequence 53, Appli
40	60	63.8	60	20	US-11-004-270-53 Sequence 53, Appli
41	60	63.8	60	20	US-11-004-273-53 Sequence 53, Appli
42	59	62.8	59	10	US-09-977-406A-53 Sequence 53, Appli
43	59	62.8	59	17	US-10-948-229-52 Sequence 52, Appli
44	59	62.8	59	20	US-11-004-270-52 Sequence 52, Appli
45	59	62.8	59	20	US-11-004-273-52 Sequence 52, Appli

ALIGNMENTS

RESULT 1
US-09-977-406A-1
Sequence 1, Application US/09977406A
Publication No. US20030170220A1
GENERAL INFORMATION:
APPLICANT: PROCORON BIOPHARMA INC.
TITLE OF INVENTION: PHARMACEUTICAL PREPARATIONS AND METHODS FOR INHIBITING TUMORS
FILE REFERENCE: 06508-030-US-03
CURRENT FILING DATE: 2001-10-15
PRIOR APPLICATION NUMBER: CA 2,321,256
PRIOR FILING DATE: 2000-10-16
PRIOR APPLICATION NUMBER: CA 2,355,334
NUMBER OF SEQ ID NOS: 92
SOFTWARE: PatentIn version 3.1
SEQ ID NO 1
LENGTH: 94
TYPE: PRT
ORGANISM: Homo sapiens
PUBLICATION INFORMATION:
AUTHORS: Ullsback, M., Lindstrom, C., Weibler, H., Abrahamson, P.A., Lilja, H., and
AUTHORS: Lundwall, A.
TITLE: Molecular cloning of a small prostatic protein, known as beta-
TITLE: microseminoprotein, PSP4 or beta-inhibin, and demonstration of transcripts i
JOURNAL: Biochem. Biophys. Res Commun.
VOLUME: 164
ISSUE: 3
PAGES: 1310-1315
DATE: 1989
DATABASE ACCESSION NUMBER: GI 131436
DATABASE ENTRY DATE: 1988-08-01
US-09-977-406A-1

Query Match 100.0%; Score 94; DB 10; Length 94;
Best Local Similarity 100.0%; Pred. No. 3.2e-93;
Matches 94; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db 1 SCYFIPNEGVPDSTRKCMDLKGKHPINSEWQTDNCETCTCYETEISCTLVSTPVGYD 60

Qy 61 KDNCRIFKKEDCKYIVVEKDPKKTCSVSEWII 94
Db 61 KDNCRIFKKEDCKYIVVEKDPKKTCSVSEWII 94

RESULT 2
US-10-291-360-1
Sequence 1, Application US/10291360
Publication No. US20030119744A1
GENERAL INFORMATION:
APPLICANT: PROCYON BIOPHARMA INC.
TITLE OF INVENTION: PSP-94: Use for Treatment of Hypercalcemia and Bone metastasis
FILE REFERENCE: 06508-051-US-02
CURRENT APPLICATION NUMBER: US/10/291,360
CURRENT FILING DATE: 2002-11-08
PRIOR APPLICATION NUMBER: CA 2,361,736
PRIOR FILING DATE: 2001-11-08
NUMBER OF SEQ ID NOS: 6
SOFTWARE: PatentIn version 3.1
SEQ ID NO 1
LENGTH: 94
TYPE: PRT
ORGANISM: Homo sapiens
PUBLICATION INFORMATION:
AUTHORS: Ulvback, M., Lindstrom, C., Weiber, H., Abrahamson, P.A., Lilja, H., and
AUTHORS: Lundvall, A*
TITLE: Molecular cloning of a small prostate protein, known as beta-
TITLE: microsemoprotein, PSP94 or beta-inhibin, and demonstration of transcripts
JOURNAL: Biochem. Biophys. Res Commun.
VOLUME: 164
ISSUE: 3
PAGES: 1310-1315
DATE: 1989
DATABASE ACCESSION NUMBER: GI 131436
DATABASE ENTRY DATE: 1988-08-01
US-10-291-360-1

Query Match 100.0%; Score 94; DB 14; Length 94;
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Qy 61 KDNCRIFKKEDCKYIVVEKDPKKTCSVSEWII 94
Db 61 KDNCRIFKKEDCKYIVVEKDPKKTCSVSEWII 94

RESULT 3
US-10-857-358-1
Sequence 1, Application US/10857358
Publication No. US20050026833A1
GENERAL INFORMATION:
APPLICANT: PROCYON BIOPHARMA INC.
TITLE OF INVENTION: PSP-94: Use for Treatment of Hypercalcemia and Bone metastasis
FILE REFERENCE: 06508-153
CURRENT APPLICATION NUMBER: US/10/857,358
CURRENT FILING DATE: 2004-06-01
PRIOR APPLICATION NUMBER: CA 2,361,736
PRIOR FILING DATE: 2001-11-08
PRIOR APPLICATION NUMBER: US 10/291,360

PRIOR FILING DATE: 2002-11-08
NUMBER OF SEQ ID NOS: 7
SOFTWARE: PatentIn version 3.1
SEQ ID NO 1
LENGTH: 94
TYPE: PRT
ORGANISM: Homo sapiens
PUBLICATION INFORMATION:
AUTHORS: Ulvback, M., Lindstrom, C., Weiber, H., Abrahamson, P.A., Lilja, H., and
AUTHORS: Lundvall, A*
TITLE: Molecular cloning of a small prostate protein, known as beta-
TITLE: microsemoprotein, PSP94 or beta-inhibin, and demonstration of transcripts
JOURNAL: Biochem. Biophys. Res Commun.
VOLUME: 164
ISSUE: 3
PAGES: 1310-1315
DATE: 1989
DATABASE ACCESSION NUMBER: GI 131436
DATABASE ENTRY DATE: 1988-08-01
US-10-857-358-1

Query Match 100.0%; Score 94; DB 17; Length 94;
Best Local Similarity 100.0%; Pred. No. 3.2e-93;
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Qy 61 KDNCRIFKKEDCKYIVVEKDPKKTCSVSEWII 94
Db 61 KDNCRIFKKEDCKYIVVEKDPKKTCSVSEWII 94

RESULT 4
US-10-948-229-1
Sequence 1, Application US/10948229
Publication No. US20050096273A1
GENERAL INFORMATION:
APPLICANT: Panchal, Chandra J
APPLICANT: Daignault, Luc
APPLICANT: Hawkins, Robert
APPLICANT: Ruiz, Marcia
TITLE OF INVENTION: REGULATION OF MATRIX METALLOPROTEINASES BY PSP94 FAMILY MEMBERS
FILE REFERENCE: BKP-022
CURRENT APPLICATION NUMBER: US/10/948,229
CURRENT FILING DATE: 2004-09-24
PRIOR APPLICATION NUMBER: CA 2,441,695
PRIOR FILING DATE: 2003-09-26
NUMBER OF SEQ ID NOS: 91
SOFTWARE: PatentIn version 3.3
SEQ ID NO 1
LENGTH: 94
TYPE: PRT
ORGANISM: Homo sapiens
US-10-948-229-1

Query Match 100.0%; Score 94; DB 17; Length 94;
Best Local Similarity 100.0%; Pred. No. 3.2e-93;
Matches 94; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Qy 61 KDNCRIFKKEDCKYIVVEKDPKKTCSVSEWII 94
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US-11-004-270-1
; Sequence 1, Application US/11004270
; Publication No. US20050147601A1
; GENERAL INFORMATION:
; APPLICANT: Panchal, Chandra J.
; APPLICANT: Wu, Jinzi
; APPLICANT: Beliveau, Richard
; APPLICANT: Ruiz, Marcia
; APPLICANT: Garde, Seema
; APPLICANT: Annabi, Borhane
; APPLICANT: Lamy, Sylvie
; APPLICANT: Bouzeghrane, Mounia
; APPLICANT: Daigneault, Luc
; APPLICANT: Hawkins, Robert
; TITLE OF INVENTION: REGULATION OF CELL MIGRATION AND ADHESION
; FILE REFERENCE: BKP-020
; CURRENT APPLICATION NUMBER: US/11/004,270
; CURRENT FILING DATE: 2004-12-02
; PRIOR APPLICATION NUMBER: US 10/948,229
; PRIOR FILING DATE: 2004-09-24
; PRIOR APPLICATION NUMBER: CA 2,441,695
; PRIOR FILING DATE: 2003-09-26
; NUMBER OF SEQ ID NOS: 99
; SOFTWARE: PatentIn version 3.3
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; TYPE: PRT
; ORGANISM: Homo sapiens
US-11-004-270-1

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Best Local Similarity 100.0%; Pred. No. 3.2e-93;
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US-11-004-273-1
; Sequence 1, Application US/11004273
; Publication No. US20050148514A1
; GENERAL INFORMATION:
; APPLICANT: Panchal, Chandra J.
; APPLICANT: Wu, Jinzi
; APPLICANT: Beliveau, Richard
; APPLICANT: Ruiz, Marcia
; APPLICANT: Garde, Seema
; APPLICANT: Annabi, Borhane
; APPLICANT: Lamy, Sylvie
; APPLICANT: Bouzeghrane, Mounia
; APPLICANT: Daigneault, Luc
; APPLICANT: Hawkins, Robert
; TITLE OF INVENTION: METHOD AND COMPOSITION FOR TREATMENT OF ANGIOGENESIS
; FILE REFERENCE: BKP-021
; CURRENT APPLICATION NUMBER: US/11/004,273
; CURRENT FILING DATE: 2004-12-02
; PRIOR APPLICATION NUMBER: US 10/948,229
; PRIOR FILING DATE: 2004-09-24
; PRIOR APPLICATION NUMBER: CA 2,441,695
; PRIOR FILING DATE: 2003-09-26
; NUMBER OF SEQ ID NOS: 99
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 1
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; TYPE: PRT
; ORGANISM: Homo sapiens
US-11-004-273-1

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RESULT 7
US-09-977-406a-2
; Sequence 2, Application US/09977406A
; Publication No. US20030170220A1
; GENERAL INFORMATION:
; APPLICANT: PROCTON BIOPHARMA INC.
; TITLE OF INVENTION: PHARMACEUTICAL PREPARATIONS AND METHODS FOR INHIBITING TUMORS
; FILE REFERENCE: 06508-030-US-03
; CURRENT APPLICATION NUMBER: US/09/977,406A
; CURRENT FILING DATE: 2001-10-15
; PRIOR APPLICATION NUMBER: CA 2,321,256
; PRIOR FILING DATE: 2000-10-16
; PRIOR APPLICATION NUMBER: CA 2,355,334
; PRIOR FILING DATE: 2001-08-20
; NUMBER OF SEQ ID NOS: 92
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 2
; LENGTH: 102
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: recombinant human PSp94 (rHbSP94) produced from yeast
US-09-977-406a-2

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Query Match          100.0%; Score 94; DB 10; Length 102;
Best Local Similarity 100.0%; Pred. No. 3.4e-93;
Matches 94; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Cy 1 SCYFIPNEGVPDSTRKMDLKGNGHPINSEWQDNCETCTCYETEISCTLVSTPVGVD 60
Db 9 SCYFIPNEGVPDSTRKMDLKGNGHPINSEWQDNCETCTCYETEISCTLVSTPVGVD 68
Cy 61 KNCORIFKEDCKYIVVEKDPKKTCSVSEWII 94
Db 69 KNCORIFKEDCKYIVVEKDPKKTCSVSEWII 102

RESULT 8
US-10-291-360-2
; Sequence 2, Application US/10291360
; Publication No. US20030119744A1
; GENERAL INFORMATION:
; APPLICANT: PROCTON BIOPHARMA INC.
; TITLE OF INVENTION: PSp-94: Use for Treatment of Hypercalcemia and Bone metastasis
; FILE REFERENCE: 06508-051-US-02
; CURRENT APPLICATION NUMBER: US/10/291,360
; CURRENT FILING DATE: 2002-11-08
; PRIOR APPLICATION NUMBER: CA 2,361,736
; PRIOR FILING DATE: 2001-11-08
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 2
; LENGTH: 102
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: recombinant human PSp94 (rHbSP94) produced from yeast
US-10-291-360-2

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Query Match 100.0%; Score 94; DB 14; Length 102;
Best Local Similarity 100.0%; Pred. No. 3.4e-93;
Matches 94; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db 9 SCYFIPNEGVPDSTRCKMDLKGKHPINSEWQDNCETCTCYETETISCTLVSTPVGXD 68

Qy 61 KDNQRIFFKEDCKYIVVEKKDPKKTCSVSEMI 94
Db 69 KDNQRIFFKEDCKYIVVEKKDPKKTCSVSEMI 102

RESULT 9
US-10-857-358-2
; Sequence 2, Application US/10857358
; Publication No. US2005002683A1
; GENERAL INFORMATION:
; APPLICANT: PROCYON BIOPHARMA INC.
; TITLE OF INVENTION: PSP-94: Use For Treatment of Hypercalcemia and Bone metastasis
; FILE REFERENCE: 06508-153
; CURRENT APPLICATION NUMBER: US/10/857,358
; PRIOR FILING DATE: 2004-06-01
; PRIOR APPLICATION NUMBER: CA 2,361,736
; PRIOR FILING DATE: 2001-11-08
; PRIOR APPLICATION NUMBER: US 10/291,360
; PRIOR FILING DATE: 2002-11-08
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 2
; LENGTH: 102
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: recombinant human PSP94 (rHusP94) produced from yeast
US-10-857-358-2

Query Match 100.0%; Score 94; DB 17; Length 102;
Best Local Similarity 100.0%; Pred. No. 3.4e-93;
Matches 94; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db 9 SCYFIPNEGVPDSTRCKMDLKGKHPINSEWQDNCETCTCYETETISCTLVSTPVGXD 68

Qy 61 KDNQRIFFKEDCKYIVVEKKDPKKTCSVSEMI 94
Db 69 KDNQRIFFKEDCKYIVVEKKDPKKTCSVSEMI 102

RESULT 10
US-10-948-229-2
; Sequence 2, Application US/10948229
; Publication No. US20050096273A1
; GENERAL INFORMATION:
; APPLICANT: Panchal, Chandra J
; APPLICANT: Daigneault, Luc
; APPLICANT: Hawkins, Robert
; APPLICANT: Ruiz, Marcia
; APPLICANT: Garde, Seema
; TITLE OF INVENTION: REGULATION OF MATRIX METALLOPROTEINASES BY PSP94 FAMILY MEMBERS
; FILE REFERENCE: BKP-022
; CURRENT APPLICATION NUMBER: US/10/948,229
; CURRENT FILING DATE: 2004-09-24
; PRIOR APPLICATION NUMBER: CA 2,441,695
; PRIOR FILING DATE: 2003-09-26
; NUMBER OF SEQ ID NOS: 91
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 2
; LENGTH: 102
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:

; OTHER INFORMATION: PSP94 derivative
US-10-948-229-2

Query Match 100.0%; Score 94; DB 17; Length 102;
Best Local Similarity 100.0%; Pred. No. 3.4e-93;
Matches 94; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 SCYFIPNEGVPDSTRCKMDLKGKHPINSEWQDNCETCTCYETETISCTLVSTPVGXD 60
Db 9 SCYFIPNEGVPDSTRCKMDLKGKHPINSEWQDNCETCTCYETETISCTLVSTPVGXD 68

Qy 61 KDNQRIFFKEDCKYIVVEKKDPKKTCSVSEMI 94
Db 69 KDNQRIFFKEDCKYIVVEKKDPKKTCSVSEMI 102

RESULT 11
US-11-004-270-2
; Sequence 2, Application US/11004270
; Publication No. US20050147601A1
; GENERAL INFORMATION:
; APPLICANT: Panchal, Chandra J.
; APPLICANT: Wu, Jinzi
; APPLICANT: Beliveau, Richard
; APPLICANT: Ruiz, Marcia
; APPLICANT: Garde, Seema
; APPLICANT: Annabi, Borhane
; APPLICANT: Lamy, Sylvie
; APPLICANT: Bouzeghrane, Mounia
; APPLICANT: Daigneault, Luc
; APPLICANT: Hawkins, Robert
; TITLE OF INVENTION: REGULATION OF CELL MIGRATION AND ADHESION
; FILE REFERENCE: BKP-020
; CURRENT APPLICATION NUMBER: US/11/004,270
; CURRENT FILING DATE: 2004-12-02
; PRIOR APPLICATION NUMBER: US 10/948,229
; PRIOR FILING DATE: 2004-09-24
; PRIOR APPLICATION NUMBER: CA 2,441,695
; PRIOR FILING DATE: 2003-09-26
; NUMBER OF SEQ ID NOS: 99
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 2
; LENGTH: 102
; TYPE: PRT
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: PSP94 family member
US-11-004-270-2

Query Match 100.0%; Score 94; DB 20; Length 102;
Best Local Similarity 100.0%; Pred. No. 3.4e-93;
Matches 94; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 SCYFIPNEGVPDSTRCKMDLKGKHPINSEWQDNCETCTCYETETISCTLVSTPVGXD 60
Db 9 SCYFIPNEGVPDSTRCKMDLKGKHPINSEWQDNCETCTCYETETISCTLVSTPVGXD 68

Qy 61 KDNQRIFFKEDCKYIVVEKKDPKKTCSVSEMI 94
Db 69 KDNQRIFFKEDCKYIVVEKKDPKKTCSVSEMI 102

RESULT 12
US-11-004-273-2
; Sequence 2, Application US/11004273
; Publication No. US2005014851A1
; GENERAL INFORMATION:
; APPLICANT: Panchal, Chandra J.
; APPLICANT: Wu, Jinzi
; APPLICANT: Beliveau, Richard
; APPLICANT: Ruiz, Marcia
; APPLICANT: Garde, Seema
; APPLICANT: Annabi, Borhane

```
APPLICANT: Lamy, Sylvie
APPLICANT: Bouzeghrane, Mounia
APPLICANT: Daigneault, Luc
APPLICANT: Hawkins, Robert
TITLE OF INVENTION: METHOD AND COMPOSITION FOR TREATMENT OF ANGIOGENESIS
FILE REFERENCE: BKR-021
CURRENT APPLICATION NUMBER: US/11/004,273
CURRENT FILING DATE: 2004-12-02
PRIOR APPLICATION NUMBER: US 10/948,229
PRIOR FILING DATE: 2004-09-24
PRIOR APPLICATION NUMBER: CA 2,441,695
PRIOR FILING DATE: 2003-09-26
NUMBER OF SEQ ID NOS: 99
SOFTWARE: PatentIn version 3.3
SEQ ID NO 2
LENGTH: 102
TYPE: PRT
ORGANISM: Artificial
FEATURE:
OTHER INFORMATION: PSP94 family member
US-11-004-273-2

Query Match          100.0%; Score 94; DB 20; Length 102;
Best Local Similarity 100.0%; Pred. No. 3.4e-93;
Matches 94; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 SCYFIPNGVPGDSTRKCMGDKGNKHPINSEWQTDNCECTCYETEISCTLVSTPVGYD 60
Db 9 SCYFIPNGVPGDSTRKCMGDKGNKHPINSEWQTDNCECTCYETEISCTLVSTPVGYD 68
Qy 61 KDNCRIFPKEDCKXIYVEKKDPKKTCSVSEWII 94
Db 69 KDNCRIFPKEDCKXIYVEKKDPKKTCSVSEWII 102

RESULT 13
US-10-012-896-1003
Sequence 1003, Application US/10012896
Publication No. US20020183251A1
GENERAL INFORMATION:
APPLICANT: Xu, Jianshun
APPLICANT: Dillon, Davin C.
APPLICANT: Mitcham, Jennifer L.
APPLICANT: Harlocker, Susan L.
APPLICANT: Jjiang, Yugu
APPLICANT: Kalos, Michael D.
APPLICANT: Retter, Marc W.
APPLICANT: Stolk, John A.
APPLICANT: Day, Craig H.
APPLICANT: Vedvick, Thomas S.
APPLICANT: Carter, Derrick
APPLICANT: Li, Samuel X.
APPLICANT: Wang, Aijun
APPLICANT: Skeiky, Yahir A.W.
APPLICANT: Hepier, William T.
APPLICANT: Henderson, Robert A.
APPLICANT: McNeill, Patricia D.
APPLICANT: Houghton, Raymond L.
APPLICANT: Vinals de Basbols, Carlota
APPLICANT: Foy, Teresa
APPLICANT: Fanger, Gary R.
APPLICANT: Wantanabe, Yoshihiro
APPLICANT: Mescher, Madeleine Joy
TITLE OF INVENTION: DIAGNOSIS OF PROSTATE CANCER
TITLE OF INVENTION: METHODS FOR THE THERAPY AND
FILE REFERENCE: 210121.427C27
CURRENT APPLICATION NUMBER: US/10/012,896
CURRENT FILING DATE: 2001-12-10
NUMBER OF SEQ ID NOS: 1011
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 1003
LENGTH: 114
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TYPE: PRT
ORGANISM: Homo sapiens
US-10-012-896-1003

Query Match          100.0%; Score 94; DB 13; Length 114;
Best Local Similarity 100.0%; Pred. No. 3.8e-93;
Matches 94; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 SCYFIPNGVPGDSTRKCMGDKGNKHPINSEWQTDNCECTCYETEISCTLVSTPVGYD 60
Db 21 SCYFIPNGVPGDSTRKCMGDKGNKHPINSEWQTDNCECTCYETEISCTLVSTPVGYD 80
Qy 61 KDNCRIFPKEDCKXIYVEKKDPKKTCSVSEWII 94
Db 81 KDNCRIFPKEDCKXIYVEKKDPKKTCSVSEWII 114

RESULT 14
US-10-205-823-271
Sequence 271, Application US/10205823
Publication No. US20030108963A1
GENERAL INFORMATION:
APPLICANT: Schlegel, Robert
APPLICANT: Monahan, John E.
APPLICANT: Endege, Wilson O.
APPLICANT: Gannavarapu, Manjula
APPLICANT: Gorbacheva, Bella
APPLICANT: Hoersch, Sebastian
APPLICANT: Kamatkar, Shubhangi
APPLICANT: Womsey, Angela W.
APPLICANT: Zhao, Xumei
APPLICANT: Anderson, Dustin
TITLE OF INVENTION: NOVEL GENES, COMPOSITIONS, KITS, AND
TITLE OF INVENTION: METHODS FOR IDENTIFICATION, ASSESSMENT, PREVENTION, AND
FILE REFERENCE: MRI-044
CURRENT APPLICATION NUMBER: US/10/205,823
CURRENT FILING DATE: 2002-07-25
PRIOR APPLICATION NUMBER: 60/307,982
PRIOR FILING DATE: 2001-07-25
PRIOR APPLICATION NUMBER: 60/314,356
PRIOR FILING DATE: 2001-08-22
PRIOR APPLICATION NUMBER: 60/325,020
PRIOR FILING DATE: 2001-09-25
PRIOR APPLICATION NUMBER: 60/341,746
PRIOR FILING DATE: 2001-12-12
PRIOR APPLICATION NUMBER: 60/362,158
PRIOR FILING DATE: 2002-03-05
NUMBER OF SEQ ID NOS: 455
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 271
LENGTH: 114
TYPE: PRT
ORGANISM: Homo sapiens
US-10-205-823-271

Query Match          100.0%; Score 94; DB 14; Length 114;
Best Local Similarity 100.0%; Pred. No. 3.8e-93;
Matches 94; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 SCYFIPNGVPGDSTRKCMGDKGNKHPINSEWQTDNCECTCYETEISCTLVSTPVGYD 60
Db 21 SCYFIPNGVPGDSTRKCMGDKGNKHPINSEWQTDNCECTCYETEISCTLVSTPVGYD 80
Qy 61 KDNCRIFPKEDCKXIYVEKKDPKKTCSVSEWII 94
Db 81 KDNCRIFPKEDCKXIYVEKKDPKKTCSVSEWII 114

RESULT 15
US-10-144-678A-1003
Sequence 1003, Application US/10144678A
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; Publication No. US20030157089A1
; GENERAL INFORMATION:
; APPLICANT: Xu, Jiangchun
; APPLICANT: Dillon, Devin C.
; APPLICANT: Mitcham, Jennifer L.
; APPLICANT: Harlocker, Susan L.
; APPLICANT: Jiang, Yugu
; APPLICANT: Henderson, Robert A.
; APPLICANT: Kalos, Michael D.
; APPLICANT: Fanger, Gary R.
; APPLICANT: Retter, Marc W.
; APPLICANT: Stolk, John A.
; APPLICANT: Day, Craig H.
; APPLICANT: Vedrick, Thomas S.
; APPLICANT: Carter, Darick
; APPLICANT: Li, Samuel X.
; APPLICANT: Wang, Aijun
; APPLICANT: Skeiky, Yasir A. W.
; APPLICANT: Hepler, William T.
; APPLICANT: Hurai, John
; APPLICANT: McNeill, Patricia D.
; APPLICANT: Houghton, Raymond L.
; APPLICANT: Vinals Y de Bassols, Carlot
; APPLICANT: Foy, Teresa M.
; APPLICANT: Watanabe, Yoshinori
; APPLICANT: Deng, Ta
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND
; TITLE OF INVENTION: DIAGNOSIS OF PROSTATE CANCER
; FILE REFERENCE: 210121.427C28
; CURRENT APPLICATION NUMBER: US/10/144,678A
; CURRENT FILING DATE: 2002-08-12
; NUMBER OF SEQ ID NOS: 1033
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 1003
; LENGTH: 114
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-10-144-678A-1003

Query Match          100.0%; Score 94; DB 14; Length 114;
Best Local Similarity 100.0%; Pred. No. 3.8e-93;
Matches 94; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 SCYFIPNEGVPDSTKCMIDLKGNKHPINSEWQTDNCETCTCYETETISCTLVSTPVGXD 60
        |||||||
Db      21 SCYFIPNEGVPDSTKCMIDLKGNKHPINSEWQTDNCETCTCYETETISCTLVSTPVGXD 80
        |||||||

QY      61 KDNCRILFKKEDCKRYIVVEKKDPKKTCSVSEMI 94
        |||||||
Db      81 KDNCRILFKKEDCKRYIVVEKKDPKKTCSVSEMI 114
        |||||||
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Search completed: July 27, 2005, 20:22:23
Job time : 155 secs

GenCore version 5.1.6
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OM protein - protein search, using SW model

Run on: July 27, 2005, 19:08:08 ; Search time 7.69091 Seconds
(without alignments)
145.592 Million cell updates/sec

Title: US-09-977-406a-5
Perfect score: 97
Sequence: 1 EMQDNCETCYET 15

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 513545 seqs, 74649064 residues

Total number of hits satisfying chosen parameters: 513545

Minimum DB seq length: 0
Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Issued Patents, AA:
1: /cgn2_6/ptodata/1/1aa/5A.COMB.pep:*
2: /cgn2_6/ptodata/1/1aa/5B.COMB.pep:*
3: /cgn2_6/ptodata/1/1aa/6A.COMB.pep:*
4: /cgn2_6/ptodata/1/1aa/6B.COMB.pep:*
5: /cgn2_6/ptodata/1/1aa/PCTUS.COMB.pep:*
6: /cgn2_6/ptodata/1/1aa/Backfile1.pep:*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	length	ID	Description
1	97	100.0	94	1	US-07-899-535A-1
2	97	100.0	114	4	US-09-513-999C-7807
3	52	53.6	1045	4	US-09-949-016-11112
4	52	53.6	1172	1	US-08-313-288B-19
5	52	53.6	1172	4	US-09-949-016-6333
6	50	51.5	466	3	US-09-724-86A-44
7	49	50.5	1036	4	US-09-949-016-6910
8	49	50.5	1049	4	US-09-949-016-11522
9	47	48.5	164	4	US-09-907-794A-12
10	47	48.5	164	4	US-09-905-125A-12
11	47	48.5	164	4	US-09-902-775A-12
12	47	48.5	164	4	US-09-906-700-12
13	47	48.5	164	4	US-09-903-603A-12
14	47	48.5	164	4	US-09-904-920A-12
15	47	48.5	164	4	US-09-909-064-12
16	47	48.5	164	4	US-09-905-381A-12
17	47	48.5	164	4	US-09-906-618-12
18	46	47.4	9	3	US-08-481-968A-24
19	46	47.4	9	3	US-08-154-712B-24
20	46	47.4	9	3	US-09-947-925A-24
21	45	46.4	162	4	US-09-270-767-41212
22	45	46.4	162	4	US-09-270-767-41212
23	45	46.4	239	5	PCR-US93-01652-1
24	45	46.4	218	3	US-08-985-526-1
25	45	46.4	306	4	US-09-489-039A-11260
26	45	46.4	441	3	US-08-985-526-3
27	45	46.4	1170	1	US-08-313-288B-20

28	45	46.4	1170	4	US-09-657-472-2	Sequence 2, Appli
29	44.5	45.9	290	4	US-09-543-681A-6461	Sequence 6461, Ap
30	44.5	45.9	1052	2	US-08-852-806-2	Sequence 2, Appli
31	44.5	45.9	1052	3	US-09-163-669-2	Sequence 2, Appli
32	44	45.4	627	4	US-10-246-658-4	Sequence 4, Appli
33	44	45.4	685	4	US-10-246-658-2	Sequence 2, Appli
34	43	44.3	90	4	US-09-513-999C-5586	Sequence 5586, Ap
35	43	44.3	376	4	US-09-496-005-1	Sequence 11, Appli
36	43	44.3	421	4	US-09-806-516A-11	Sequence 30, Appli
37	42.5	43.8	273	1	US-08-152-019A-30	Sequence 11, Appli
38	42	43.3	57	4	US-09-270-767-60104	Sequence 60104, A
39	42	43.3	115	4	US-09-270-767-41534	Sequence 41534, A
40	42	43.3	156	4	US-09-270-767-44651	Sequence 44651, A
41	42	43.3	201	4	US-09-270-767-58661	Sequence 58661, A
42	42	43.3	459	3	US-09-118-319-6	Sequence 6, Appli
43	42	43.3	459	3	US-09-286-691-2	Sequence 2, Appli
44	42	43.3	459	3	US-09-687-147-2	Sequence 2, Appli
45	42	43.3	493	6	5196333-4	Patent No. 5196333

ALIGNMENTS

RESULT 1
US-07-899-535A-1
; Sequence 1, Application US/07899535A
; Patent No. 5428011
; GENERAL INFORMATION:
; APPLICANT: Sheth, Anil R.
; APPLICANT: Garde, Seema
; TITLE OF INVENTION: Panchal, Chandra J.
; TITLE OF INVENTION: Pharmaceutical Preparations For
; TITLE OF INVENTION: Inhibiting Tumours Associated With Prostate
; TITLE OF INVENTION: Adenocarcinoma, Stomach Cancer and Breast Cancer.
; NUMBER OF SEQUENCES: 4
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Mr. George Loud
; STREET: 2001 Jefferson Davis Highway, Suite 306
; CITY: Arlington
; STATE: Virginia
; COUNTRY: U.S.A.
; ZIP: 22202
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/899,535A
; FILING DATE: 16-JUN-1992
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Loud, George A.
; REGISTRATION NUMBER: 25,814
; REFERENCE/DOCKET NUMBER: S&B-A835
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 703-415-0960
; TELEFAX: 703-415-0962
; TELEX: 24 8614
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 94 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; HYPOTHEICAL: NO
; ;
; US-07-899-535A-1

Query Match 100.0%; Score 97; DB 1; Length 94;
Best Local Similarity 100.0%; Pred. No. 4.3e-06;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

SEQ ID NO 6333
LENGTH: 1172
TYPE: PRT
ORGANISM: Human
US-09-949-016-6333

Query Match 53.6%; Score 52; DB 4; Length 1172;
Best Local Similarity 63.6%; Pred. No. 42;
Matches 7; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 2 WQDNCCTCTC 12
DB 333 WVDSCCTCTC 343

RESULT 6
US-09-724-864-44
Sequence 44, Application US/09724864
Patent No. 6380362
GENERAL INFORMATION:
APPLICANT: Watson, James D.
APPLICANT: Murison, James G.
TITLE OF INVENTION: Polynucleotides, polypeptides expressed
FILE REFERENCE: 11000.1050U1
CURRENT FILING DATE: 2000-11-28
PRIOR FILING DATE: 2000-09-08
PRIOR APPLICATION NUMBER: U.S. No. 6380362 60/171,678
NUMBER OF SEQ ID NOS: 72
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 44
LENGTH: 466
TYPE: PRT
ORGANISM: Mouse
US-09-724-864-44

Query Match 51.5%; Score 50; DB 3; Length 466;
Best Local Similarity 70.0%; Pred. No. 32;
Matches 7; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 5 DNCCTCTCTC 14
DB 119 DNCNCTCTCHE 128

RESULT 7
US-09-949-016-6910
Sequence 6910, Application US/09949016
Patent No. 6812339
GENERAL INFORMATION:
APPLICANT: VENTER, J. Craig et al.
TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
FILE REFERENCE: CL001307
CURRENT FILING DATE: 2000-04-14
PRIOR FILING DATE: 2000-09-08
PRIOR APPLICATION NUMBER: 60/241,755
PRIOR FILING DATE: 2000-10-20
PRIOR APPLICATION NUMBER: 60/237,768
PRIOR FILING DATE: 2000-10-03
PRIOR APPLICATION NUMBER: 60/231,498
PRIOR FILING DATE: 2000-09-08
NUMBER OF SEQ ID NOS: 207012
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 6910
LENGTH: 1036
TYPE: PRT
ORGANISM: Human
US-09-949-016-6910

Query Match 50.5%; Score 49; DB 4; Length 1036;
Best Local Similarity 50.0%; Pred. No. 93;

Matches 6; Conservative 2; Mismatches 4; Indels 0; Gaps 0;
QY 2 WQDNCCTCTCY 13
DB 693 WNDSCCTCTCH 704

RESULT 8
US-09-949-016-11522
Sequence 11522, Application US/09949016
Patent No. 6812339
GENERAL INFORMATION:
APPLICANT: VENTER, J. Craig et al.
TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
FILE REFERENCE: CL001307
CURRENT FILING DATE: 2000-04-14
PRIOR FILING DATE: 2000-10-20
PRIOR APPLICATION NUMBER: 60/241,755
PRIOR FILING DATE: 2000-10-03
PRIOR APPLICATION NUMBER: 60/231,498
PRIOR FILING DATE: 2000-09-08
NUMBER OF SEQ ID NOS: 207012
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 11522
LENGTH: 1049
TYPE: PRT
ORGANISM: Human
US-09-949-016-11522

Query Match 50.5%; Score 49; DB 4; Length 1049;
Best Local Similarity 50.0%; Pred. No. 94;
Matches 6; Conservative 2; Mismatches 4; Indels 0; Gaps 0;

QY 2 WQDNCCTCTCY 13
DB 706 WNDSCCTCTCH 717

RESULT 9
US-09-907-794A-12
Sequence 12, Application US/09907794A
Patent No. 6635468
GENERAL INFORMATION:
APPLICANT: Genentech, Inc.
APPLICANT: Ashkenazi, Avi
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gertlisen, Mary E.
APPLICANT: Goddard, A.
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth, J.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Mather, Jennie P.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
Acids Encoding the Same

```
FILE REFERENCE: 10466-14
CURRENT APPLICATION NUMBER: US/09/907,794A
CURRENT FILING DATE: 2001-07-17
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR FILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR FILING DATE: 1999-07-28
PRIOR APPLICATION NUMBER: PCT/US99/2054
PRIOR FILING DATE: 1999-09-08
PRIOR APPLICATION NUMBER: PCT/US99/20944
PRIOR FILING DATE: 1999-09-13
PRIOR APPLICATION NUMBER: PCT/US99/21090
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/21547
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/23089
PRIOR FILING DATE: 1999-10-05
PRIOR APPLICATION NUMBER: PCT/US99/28214
PRIOR FILING DATE: 1999-11-29
PRIOR APPLICATION NUMBER: PCT/US99/28313
PRIOR FILING DATE: 1999-11-30
PRIOR APPLICATION NUMBER: PCT/US99/28564
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/28565
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/30095
PRIOR FILING DATE: 1999-12-16
PRIOR APPLICATION NUMBER: PCT/US99/30911
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US99/30999
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US00/00219
PRIOR FILING DATE: 2000-01-05
NUMBER OF SEQ ID NOS: 423
SEQ ID NO 12
LENGTH: 164
TYPE: PRT
ORGANISM: Homo sapiens
US-09-907-794A-12

Query Match      48.5%; Score 47; DB 4; Length 164;
Best Local Similarity 70.0%; Pred. No. 30;
Matches 7; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      5 DNCERTCTCYE 14
Db      120 DNCNRCTCOE 129

RESULT 10
US-09-905-125A-12
Sequence 12, Application US/09905125A
GENERAL INFORMATION:
APPLICANT: Genentech, Inc.
APPLICANT: Ashkenazi, Avi
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, A.
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
```

```
APPLICANT: Hillan, Kenneth, J.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Matcher, Jennie P.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. McKey
APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: 10466-14
CURRENT APPLICATION NUMBER: US/09/905,125A
CURRENT FILING DATE: 2001-07-12
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR FILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR FILING DATE: 1999-07-28
PRIOR APPLICATION NUMBER: PCT/US99/20594
PRIOR FILING DATE: 1999-09-08
PRIOR APPLICATION NUMBER: PCT/US99/20944
PRIOR FILING DATE: 1999-09-13
PRIOR APPLICATION NUMBER: PCT/US99/21090
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/21547
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PRIOR FILING DATE: 1999-12-16
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PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US99/30999
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US00/00219
PRIOR FILING DATE: 2000-01-05
NUMBER OF SEQ ID NOS: 423
SEQ ID NO 12
LENGTH: 164
TYPE: PRT
ORGANISM: Homo sapiens
US-09-905-125A-12

Query Match      48.5%; Score 47; DB 4; Length 164;
Best Local Similarity 70.0%; Pred. No. 30;
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Qy      5 DNCERTCTCYE 14
Db      120 DNCNRCTCOE 129

RESULT 11
US-09-902-775A-12
Sequence 12, Application US/09902775A
GENERAL INFORMATION:
APPLICANT: Genentech, Inc.
APPLICANT: Ashkenazi, Avi
APPLICANT: Botstein, David
```


APPLICANT: Desnoyers, Luc
APPLICANT: Eacon, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Geritsen, Mary E.
APPLICANT: Goddard, A.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gutney, Austin L.
APPLICANT: Hillan, Kenneth, J.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Mather, Jennie P.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: 1046-14
CURRENT FILING DATE: 2001-07-10
PRIOR APPLICATION NUMBER: US/09/902,775A
PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR FILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR FILING DATE: 1999-07-28
PRIOR APPLICATION NUMBER: PCT/US99/20594
PRIOR FILING DATE: 1999-09-08
PRIOR APPLICATION NUMBER: PCT/US99/20944
PRIOR FILING DATE: 1999-09-13
PRIOR APPLICATION NUMBER: PCT/US99/21090
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PRIOR APPLICATION NUMBER: PCT/US99/21547
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PRIOR FILING DATE: 2000-01-05
NUMBER OF SEQ ID NOS: 423
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LENGTH: 164
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ORGANISM: Homo sapiens
US-09-902-775A-12

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Db 120 DNCRCCTCYE 129
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Patent No. 6723535
GENERAL INFORMATION:
APPLICANT: Genentech, Inc.
APPLICANT: Ashkenazi, Avi
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eacon, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Geritsen, Mary E.
APPLICANT: Goddard, A.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gutney, Austin L.
APPLICANT: Hillan, Kenneth, J.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Mather, Jennie P.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: 1046-14
CURRENT FILING DATE: 2000-09-18
PRIOR APPLICATION NUMBER: US/09/906,700
PRIOR FILING DATE: 2000-09-18
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
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PRIOR APPLICATION NUMBER: PCT/US99/30911
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PRIOR APPLICATION NUMBER: PCT/US99/30999
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US00/00219
PRIOR FILING DATE: 2000-01-05

NUMBER OF SEQ ID NOS: 423
SEQ ID NO 12
LENGTH: 164
TYPE: PRT
ORGANISM: Homo sapiens
US-09-906-700-12

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Best Local Similarity 70.0%; Pred. No. 30;
Matches 7; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

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Db 120 DNCNRCCTCQE 129

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US-09-903-603A-12
Sequence 12, Application US/09903603A
Patent No. 6767995
GENERAL INFORMATION:
APPLICANT: Genentech, Inc.
APPLICANT: Ashkenazi, Avi
APPLICANT: Botstein, David
APPLICANT: Desnovers, Luc
APPLICANT: Baton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerltzen, Mary E.
APPLICANT: Goddard, A.
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth, J.
APPLICANT: Kijavlin, Ivar J.
APPLICANT: Mather, Jennie P.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tuma, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: GNE.1618P2C12
CURRENT APPLICATION NUMBER: US/09/903,603A
CURRENT FILING DATE: 2001-07-11
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PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
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PRIOR APPLICATION NUMBER: PCT/US99/28564
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PRIOR APPLICATION NUMBER: PCT/US99/30911
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US99/30999
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US00/00219
PRIOR FILING DATE: 2000-01-05
NUMBER OF SEQ ID NOS: 423
SEQ ID NO 12
LENGTH: 164
TYPE: PRT
ORGANISM: Homo sapiens
US-09-903-603A-12

Query Match 48.5%; Score 47; DB 4; Length 164;
Best Local Similarity 70.0%; Pred. No. 30;
Matches 7; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5 DNCETCTCYE 14
Db 120 DNCNRCCTCQE 129

RESULT 14
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Sequence 12, Application US/09904920A
Patent No. 6806352
GENERAL INFORMATION:
APPLICANT: Genentech, Inc.
APPLICANT: Ashkenazi, Avi
APPLICANT: Botstein, David
APPLICANT: Desnovers, Luc
APPLICANT: Baton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerltzen, Mary E.
APPLICANT: Goddard, A.
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth, J.
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APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tuma, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: 10466-14
CURRENT APPLICATION NUMBER: US/09/904,920A
CURRENT FILING DATE: 2001-07-13
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/145,698
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US-09-904-920A-12
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Best Local Similarity 70.0%; Pred. No. 30;
Matches 7; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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; Patent No. 6818449
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Baton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerltsen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Grimaldi, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acid Encoding the Same
; FILE REFERENCE: 10466-14
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; PRIOR APPLICATION NUMBER: US 60/145, 698
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; PRIOR APPLICATION NUMBER: PCT/US99/20944
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; ORGANISM: Homo sapiens
US-09-909-064-12
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Best Local Similarity 70.0%; Pred. No. 30;
Matches 7; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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GenCore version 5.1.6
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SUMMARIES

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7	97	100.0	15	US-11-004-270-7	Sequence 7, Appli
8	97	100.0	15	US-11-004-273-5	Sequence 7, Appli
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ALIGNMENTS

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; Publication No. US20030170220A1
; GENERAL INFORMATION:
; APPLICANT: PROCON BIOPHARMA INC.
; TITLE OF INVENTION: PHARMACEUTICAL PREPARATIONS AND METHODS FOR INHIBITING TUMORS
; FILE REFERENCE: 06508-030-US-03
; CURRENT APPLICATION NUMBER: US/09/977,406A
; PRIOR FILING DATE: 2001-10-15
; PRIOR APPLICATION NUMBER: CA 2,321,256
; PRIOR FILING DATE: 2000-10-16
; PRIOR APPLICATION NUMBER: CA 2,355,334
; NUMBER OF SEQ ID NOS: 92
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 5
; LENGTH: 15
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCK3145 (polypeptide 31-45)
US-09-977-406a-5

Query Match 100.0%; Score 97; DB 10; Length 15;
Best Local Similarity 100.0%; Pred. No. 3,4e-06;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 EMQDNCETCTCYET 15
DB 1 EMQDNCETCTCYET 15

RESULT 2

US-10-291-360-5
; Sequence 5, Application US/10291360
; Publication No. US20030119744A1
; GENERAL INFORMATION:
; APPLICANT: PROCYON BIOPHARMA INC.
; TITLE OF INVENTION: PSP-94: Use for Treatment of Hypercalcemia and Bone metastasis
; FILE REFERENCE: 06508-051-US-02
; CURRENT FILING DATE: 2002-11-08
; PRIOR APPLICATION NUMBER: CA 2,361,736
; PRIOR FILING DATE: 2001-11-08
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 5
; LENGTH: 15
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCK3145 (polypeptide 31-45)
US-10-291-360-5

Query Match 100.0%; Score 97; DB 14; Length 15;
Best Local Similarity 100.0%; Pred. No. 3.4e-06;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 EMQDNCETCTCYET 15
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Db 1 EMQDNCETCTCYET 15

RESULT 3
US-10-857-358-5
; Sequence 5, Application US/10857358
; Publication No. US20050026833A1
; GENERAL INFORMATION:
; APPLICANT: PROCYON BIOPHARMA INC.
; TITLE OF INVENTION: PSP-94: Use for Treatment of Hypercalcemia and Bone metastasis
; FILE REFERENCE: 06508-153
; CURRENT APPLICATION NUMBER: US/10/857,358
; CURRENT FILING DATE: 2004-06-01
; PRIOR APPLICATION NUMBER: CA 2,361,736
; PRIOR FILING DATE: 2001-11-08
; PRIOR APPLICATION NUMBER: US 10/291,360
; PRIOR FILING DATE: 2002-11-08
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 5
; LENGTH: 15
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCK3145 (polypeptide 31-45)
US-10-857-358-5

Query Match 100.0%; Score 97; DB 17; Length 15;
Best Local Similarity 100.0%; Pred. No. 3.4e-06;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 EMQDNCETCTCYET 15
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Db 1 EMQDNCETCTCYET 15

RESULT 4
US-10-948-229-5
; Sequence 5, Application US/10948229
; Publication No. US20050096273A1
; GENERAL INFORMATION:
; APPLICANT: Panchal, Chandra J
; APPLICANT: Daigneault, Luc
; APPLICANT: Hawkins, Robert
; APPLICANT: Ruiz, Marcia
; APPLICANT: Garde, Seema

; TITLE OF INVENTION: REGULATION OF MATRIX METALLOPROTEINASES BY PSP94 FAMILY MEMBERS
; FILE REFERENCE: BKP-022
; CURRENT APPLICATION NUMBER: US/10/948,229
; CURRENT FILING DATE: 2004-09-24
; PRIOR APPLICATION NUMBER: CA 2,441,695
; PRIOR FILING DATE: 2003-09-26
; NUMBER OF SEQ ID NOS: 91
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 5
; LENGTH: 15
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCK3154
US-10-948-229-5

Query Match 100.0%; Score 97; DB 17; Length 15;
Best Local Similarity 100.0%; Pred. No. 3.4e-06;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 EMQDNCETCTCYET 15
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Db 1 EMQDNCETCTCYET 15

RESULT 5
US-10-948-229-7
; Sequence 7, Application US/10948229
; Publication No. US20050096273A1
; GENERAL INFORMATION:
; APPLICANT: Panchal, Chandra J
; APPLICANT: Daigneault, Luc
; APPLICANT: Hawkins, Robert
; APPLICANT: Ruiz, Marcia
; APPLICANT: Garde, Seema
; TITLE OF INVENTION: REGULATION OF MATRIX METALLOPROTEINASES BY PSP94 FAMILY MEMBERS
; FILE REFERENCE: BKP-022
; CURRENT APPLICATION NUMBER: US/10/948,229
; CURRENT FILING DATE: 2004-09-24
; PRIOR APPLICATION NUMBER: CA 2,441,695
; PRIOR FILING DATE: 2003-09-26
; NUMBER OF SEQ ID NOS: 91
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 7
; LENGTH: 15
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PSP94 derivative
; NAME/KEY: MOD_RES
; LOCATION: (7)..(7)
; OTHER INFORMATION: an acetylaminomethyl group is attached to the sulfur atom of
; OTHER INFORMATION: cysteine 7
; FEATURE:
; NAME/KEY: MOD_RES
; LOCATION: (10)..(10)
; OTHER INFORMATION: an acetylaminomethyl group is attached to the sulfur atom of
; OTHER INFORMATION: cysteine 10
; FEATURE:
; NAME/KEY: MOD_RES
; LOCATION: (12)..(12)
; OTHER INFORMATION: an acetylaminomethyl group is attached to the sulfur atom of
; OTHER INFORMATION: cysteine 12
US-10-948-229-7

Query Match 100.0%; Score 97; DB 17; Length 15;
Best Local Similarity 100.0%; Pred. No. 3.4e-06;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 EMQDNCETCTCYET 15
|||
Db 1 EMQDNCETCTCYET 15

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RESULT 6
US-11-004-270-5
; Sequence 5, Application US/11004270
; Publication No. US20050147601A1
; GENERAL INFORMATION:
; APPLICANT: Panchal, Chandra J.
; APPLICANT: Wu, Jinzi
; APPLICANT: Bellevue, Richard
; APPLICANT: Ruiz, Marcia
; APPLICANT: Garde, Seema
; APPLICANT: Annabi, Borhane
; APPLICANT: Lamy, Sylvie
; APPLICANT: Bouzeghrane, Mounia
; APPLICANT: Daigneault, Luc
; APPLICANT: Hawkins, Robert
; TITLE OF INVENTION: REGULATION OF CELL MIGRATION AND ADHESION
; FILE REFERENCE: BKP-020
; CURRENT APPLICATION NUMBER: US/11/004,270
; CURRENT FILING DATE: 2004-12-02
; PRIOR APPLICATION NUMBER: US 10/948,229
; PRIOR FILING DATE: 2004-09-24
; PRIOR APPLICATION NUMBER: CA 2,441,695
; PRIOR FILING DATE: 2003-09-26
; NUMBER OF SEQ ID NOS: 99
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 5
; LENGTH: 15
; TYPE: PRT
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: PSP94 family member
US-11-004-270-5

Query Match      100.0%; Score 97; DB 20; Length 15;
Best Local Similarity 100.0%; Pred. No. 3.4e-06;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 EMQDNCETCTCYET 15
Db      1 EMQDNCETCTCYET 15

RESULT 7
US-11-004-270-7
; Sequence 7, Application US/11004270
; Publication No. US20050147601A1
; GENERAL INFORMATION:
; APPLICANT: Panchal, Chandra J.
; APPLICANT: Wu, Jinzi
; APPLICANT: Bellevue, Richard
; APPLICANT: Ruiz, Marcia
; APPLICANT: Garde, Seema
; APPLICANT: Annabi, Borhane
; APPLICANT: Lamy, Sylvie
; APPLICANT: Bouzeghrane, Mounia
; APPLICANT: Daigneault, Luc
; APPLICANT: Hawkins, Robert
; TITLE OF INVENTION: REGULATION OF CELL MIGRATION AND ADHESION
; FILE REFERENCE: BKP-020
; CURRENT APPLICATION NUMBER: US/11/004,270
; CURRENT FILING DATE: 2004-12-02
; PRIOR APPLICATION NUMBER: US 10/948,229
; PRIOR FILING DATE: 2004-09-24
; PRIOR APPLICATION NUMBER: CA 2,441,695
; PRIOR FILING DATE: 2003-09-26
; NUMBER OF SEQ ID NOS: 99
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 7
; LENGTH: 15
; TYPE: PRT
; ORGANISM: Artificial
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; FEATURE:
; OTHER INFORMATION: PCK3145 derivative
; FEATURE:
; NAME/KEY: MOD RES
; LOCATION: (7)-(7)
; OTHER INFORMATION: an acetylaminomethyl group is attached to the sulfur atom of
; OTHER INFORMATION: cystein 7
; FEATURE:
; NAME/KEY: MOD RES
; LOCATION: (10)-(10)
; OTHER INFORMATION: an acetylaminomethyl group is attached to the sulfur atom of
; OTHER INFORMATION: cystein 10
; NAME/KEY: MOD RES
; LOCATION: (12)-(12)
; OTHER INFORMATION: an acetylaminomethyl group is attached to the sulfur atom of
; OTHER INFORMATION: cystein 12
US-11-004-270-7

Query Match      100.0%; Score 97; DB 20; Length 15;
Best Local Similarity 100.0%; Pred. No. 3.4e-06;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 EMQDNCETCTCYET 15
Db      1 EMQDNCETCTCYET 15

RESULT 8
US-11-004-273-5
; Sequence 5, Application US/11004273
; Publication No. US20050148514A1
; GENERAL INFORMATION:
; APPLICANT: Panchal, Chandra J.
; APPLICANT: Wu, Jinzi
; APPLICANT: Bellevue, Richard
; APPLICANT: Ruiz, Marcia
; APPLICANT: Garde, Seema
; APPLICANT: Annabi, Borhane
; APPLICANT: Lamy, Sylvie
; APPLICANT: Bouzeghrane, Mounia
; APPLICANT: Daigneault, Luc
; APPLICANT: Hawkins, Robert
; TITLE OF INVENTION: METHOD AND COMPOSITION FOR TREATMENT OF ANGIOGENESIS
; FILE REFERENCE: BKP-021
; CURRENT APPLICATION NUMBER: US/11/004,273
; CURRENT FILING DATE: 2004-12-02
; PRIOR APPLICATION NUMBER: US 10/948,229
; PRIOR FILING DATE: 2004-09-24
; PRIOR APPLICATION NUMBER: CA 2,441,695
; PRIOR FILING DATE: 2003-09-26
; NUMBER OF SEQ ID NOS: 99
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 5
; LENGTH: 15
; TYPE: PRT
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: PSP94 family member
US-11-004-273-5

Query Match      100.0%; Score 97; DB 20; Length 15;
Best Local Similarity 100.0%; Pred. No. 3.4e-06;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 EMQDNCETCTCYET 15
Db      1 EMQDNCETCTCYET 15

RESULT 9
US-11-004-273-7
; Sequence 7, Application US/11004273
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; Publication No. US2005014851A1
; GENERAL INFORMATION:
; APPLICANT: Panchal, Chandra J.
; APPLICANT: Wu, Jinzi
; APPLICANT: Beliveau, Richard
; APPLICANT: Ruiz, Marcia
; APPLICANT: Garde, Seema
; APPLICANT: Annabi, Borhane
; APPLICANT: Lamy, Sylvie
; APPLICANT: Bouzeghrane, Mounia
; APPLICANT: Daigneault, Luc
; APPLICANT: Hawkins, Robert
; TITLE OF INVENTION: METHOD AND COMPOSITION FOR TREATMENT OF ANGIOGENESIS
; FILE REFERENCE: BKP-021
; CURRENT APPLICATION NUMBER: US/11/004,273
; CURRENT FILING DATE: 2004-12-02
; PRIOR APPLICATION NUMBER: US 10/948,229
; PRIOR FILING DATE: 2004-09-24
; PRIOR APPLICATION NUMBER: CA 2,441,695
; PRIOR FILING DATE: 2003-09-26
; NUMBER OF SEQ ID NOS: 99
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 7
; LENGTH: 15
; TYPE: PRT
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: PCK3145 derivative
; NAME/KEY: MOD_RES
; LOCATION: (7)..(7)
; OTHER INFORMATION: an acetylaminomethyl group is attached to the sulfur atom of
; FEATURE:
; OTHER INFORMATION: cystein 7
; NAME/KEY: MOD_RES
; LOCATION: (10)..(10)
; OTHER INFORMATION: an acetylaminomethyl group is attached to the sulfur atom of
; FEATURE:
; OTHER INFORMATION: cystein 10
; NAME/KEY: MOD_RES
; LOCATION: (12)..(12)
; OTHER INFORMATION: an acetylaminomethyl group is attached to the sulfur atom of
; OTHER INFORMATION: cystein 12
; US-11-004-273-7

Query Match          100.0%; Score 97; DB 20; Length 15;
Best Local Similarity 100.0%; Pred. No. 3.4e-06;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 EMQDNCETCTCYET 15
        |||
Db      1 EMQDNCETCTCYET 15

RESULT 10
US-09-977-406a-10
; Sequence 10, Application US/09977406A
; Publication No. US20030170220A1
; GENERAL INFORMATION:
; APPLICANT: PROCYON BIOPHARMA INC.
; TITLE OF INVENTION: PHARMACEUTICAL PREPARATIONS AND METHODS FOR INHIBITING TUMORS
; FILE REFERENCE: 06508-030-US-03
; CURRENT APPLICATION NUMBER: US/09/977,406A
; CURRENT FILING DATE: 2001-10-15
; PRIOR APPLICATION NUMBER: CA 2,321,256
; PRIOR FILING DATE: 2000-10-16
; PRIOR APPLICATION NUMBER: CA 2,355,334
; PRIOR FILING DATE: 2001-08-20
; NUMBER OF SEQ ID NOS: 92
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 10
; LENGTH: 16
; TYPE: PRT
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; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Polypeptide derived from rHUPSP94 sequence (polypeptide analog)
US-09-977-406a-10

Query Match          100.0%; Score 97; DB 10; Length 16;
Best Local Similarity 100.0%; Pred. No. 3.6e-06;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 EMQDNCETCTCYET 15
        |||
Db      1 EMQDNCETCTCYET 15

RESULT 11
US-09-977-406a-59
; Sequence 59, Application US/09977406A
; Publication No. US20030170220A1
; GENERAL INFORMATION:
; APPLICANT: PROCYON BIOPHARMA INC.
; TITLE OF INVENTION: PHARMACEUTICAL PREPARATIONS AND METHODS FOR INHIBITING TUMORS
; FILE REFERENCE: 06508-030-US-03
; CURRENT APPLICATION NUMBER: US/09/977,406A
; CURRENT FILING DATE: 2001-10-15
; PRIOR APPLICATION NUMBER: CA 2,321,256
; PRIOR FILING DATE: 2000-10-16
; PRIOR APPLICATION NUMBER: CA 2,355,334
; PRIOR FILING DATE: 2001-08-20
; NUMBER OF SEQ ID NOS: 92
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 59
; LENGTH: 16
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Polypeptide derived from rHUPSP94 sequence (polypeptide analog)
US-09-977-406a-59

Query Match          100.0%; Score 97; DB 10; Length 16;
Best Local Similarity 100.0%; Pred. No. 3.6e-06;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 EMQDNCETCTCYET 15
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Db      2 EMQDNCETCTCYET 16

RESULT 12
US-10-948-229-9
; Sequence 9, Application US/10948229
; Publication No. US20050096273A1
; GENERAL INFORMATION:
; APPLICANT: Panchal, Chandra J
; APPLICANT: Daigneault, Luc
; APPLICANT: Hawkins, Robert
; APPLICANT: Ruiz, Marcia
; APPLICANT: Garde, Seema
; TITLE OF INVENTION: REGULATION OF MATRIX METALLOPROTEINASES BY PSP94 FAMILY MEMBERS
; FILE REFERENCE: BKP-022
; CURRENT APPLICATION NUMBER: US/10/948,229
; CURRENT FILING DATE: 2004-09-24
; PRIOR APPLICATION NUMBER: CA 2,441,695
; PRIOR FILING DATE: 2003-09-26
; NUMBER OF SEQ ID NOS: 91
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 9
; LENGTH: 16
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PSP94 family member
US-10-948-229-9
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Query Match 100.0%; Score 97; DB 17; Length 16;
Best Local Similarity 100.0%; Pred. No. 3.6e-06;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 EMQDNCETCTCYET 15
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Db 1 EMQDNCETCTCYET 15

RESULT 13
US-10-948-229-58

; Sequence 58, Application US/10948229
; Publication No. US20050096273A1

; GENERAL INFORMATION:

; APPLICANT: Panchal, Chandra J

; APPLICANT: Daigneault, Luc

; APPLICANT: Hawkins, Robert

; APPLICANT: Ruiz, Marcia

; APPLICANT: Gardé, Seema

; TITLE OF INVENTION: REGULATION OF MATRIX METALLOPROTEINASES BY PSP94 FAMILY MEMBERS

; FILE REFERENCE: BKP-022

; CURRENT APPLICATION NUMBER: US/10/948,229

; PRIOR FILING DATE: 2004-09-24

; PRIOR APPLICATION NUMBER: CA 2,441,695

; PRIOR FILING DATE: 2003-09-26

; NUMBER OF SEQ ID NOS: 91

; SOFTWARE: PatentIn version 3.3

; SEQ ID NO 58

; LENGTH: 16

; TYPE: PRT

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: PSP94 family member

US-10-948-229-58

Query Match 100.0%; Score 97; DB 17; Length 16;
Best Local Similarity 100.0%; Pred. No. 3.6e-06;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 EMQDNCETCTCYET 15
|||
Db 2 EMQDNCETCTCYET 16

RESULT 14
US-11-004-270-9

; Sequence 9, Application US/11004270

; Publication No. US20050147601A1

; GENERAL INFORMATION:

; APPLICANT: Panchal, Chandra J.

; APPLICANT: Wu, Jinzi

; APPLICANT: Bellevue, Richard

; APPLICANT: Ruiz, Marcia

; APPLICANT: Gardé, Seema

; APPLICANT: Annabi, Borhane

; APPLICANT: Lamy, Sylvie

; APPLICANT: Bouzeghrane, Mounia

; APPLICANT: Daigneault, Luc

; APPLICANT: Hawkins, Robert

; TITLE OF INVENTION: REGULATION OF CELL MIGRATION AND ADHESION

; FILE REFERENCE: BKP-020

; CURRENT APPLICATION NUMBER: US/11/004,270

; PRIOR FILING DATE: 2004-12-02

; PRIOR APPLICATION NUMBER: US 10/948,229

; PRIOR FILING DATE: 2004-09-24

; PRIOR APPLICATION NUMBER: CA 2,441,695

; PRIOR FILING DATE: 2003-09-26

; NUMBER OF SEQ ID NOS: 99

; SOFTWARE: PatentIn version 3.3

; SEQ ID NO 9

; LENGTH: 16

; TYPE: PRT

; ORGANISM: Artificial

; FEATURE:
; OTHER INFORMATION: PCK3145 derivative
US-11-004-270-9

Query Match 100.0%; Score 97; DB 20; Length 16;
Best Local Similarity 100.0%; Pred. No. 3.6e-06;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 EMQDNCETCTCYET 15
|||
Db 1 EMQDNCETCTCYET 15

RESULT 15
US-11-004-270-58

; Sequence 58, Application US/11004270

; Publication No. US20050147601A1

; GENERAL INFORMATION:

; APPLICANT: Panchal, Chandra J.

; APPLICANT: Wu, Jinzi

; APPLICANT: Bellevue, Richard

; APPLICANT: Ruiz, Marcia

; APPLICANT: Gardé, Seema

; APPLICANT: Annabi, Borhane

; APPLICANT: Lamy, Sylvie

; APPLICANT: Bouzeghrane, Mounia

; APPLICANT: Daigneault, Luc

; APPLICANT: Hawkins, Robert

; TITLE OF INVENTION: REGULATION OF CELL MIGRATION AND ADHESION

; FILE REFERENCE: BKP-020

; CURRENT APPLICATION NUMBER: US/11/004,270

; PRIOR FILING DATE: 2004-12-02

; PRIOR APPLICATION NUMBER: US 10/948,229

; PRIOR FILING DATE: 2004-09-24

; PRIOR APPLICATION NUMBER: CA 2,441,695

; PRIOR FILING DATE: 2003-09-26

; NUMBER OF SEQ ID NOS: 99

; SOFTWARE: PatentIn version 3.3

; SEQ ID NO 58

; LENGTH: 16

; TYPE: PRT

; ORGANISM: Artificial

; FEATURE:

; OTHER INFORMATION: PCK3145 derivative

US-11-004-270-58

Query Match 100.0%; Score 97; DB 20; Length 16;
Best Local Similarity 100.0%; Pred. No. 3.6e-06;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 EMQDNCETCTCYET 15
|||
Db 2 EMQDNCETCTCYET 16

Search completed: July 27, 2005, 20:06:03
Job time : 28.3091 secs

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OM protein - protein search, using sw model

Run on: July 27, 2005, 19:08:08 ; Search time 32.8145 Seconds
(without alignments)
145.592 Million cell updates/sec

Title: US-09-977-406A-58

Perfect score: 368
Sequence: 1 EMQDNCETCTCYETETISCC.....YIVVEKDPKKTCSVSEWII 64

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Gapop 10.0 , Gapext 0.5

Searched: 513545 seqs, 74649064 residues

Total number of hits satisfying chosen parameters: 513545

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%

Listing first 45 summaries

Database : Issued Patents_AA:*

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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1	368	100.0	94	1 US-07-899-535A-1	Sequence 1, Appli
2	368	100.0	114	4 US-09-513-999C-7807	Sequence 7807, Ap
3	144	39.1	28	1 US-07-899-535A-4	Sequence 4, Appli
4	79.5	21.6	1036	4 US-09-949-016-6910	Sequence 6910, Ap
5	79.5	21.6	1049	4 US-09-949-016-11522	Sequence 11522, A
6	67.5	18.3	627	4 US-10-246-658-4	Sequence 4, Appli
7	67.5	18.3	685	4 US-10-246-658-2	Sequence 2, Appli
8	65.5	17.8	550	4 US-09-949-016-11512	Sequence 11512, A
9	64.5	17.5	115	4 US-09-270-767-41534	Sequence 41534, A
10	64.5	17.5	940	2 US-08-938-365-4	Sequence 4, Appli
11	64.5	17.5	941	1 US-08-343-760A-2	Sequence 2, Appli
12	63.5	17.3	293	4 US-09-248-796A-15221	Sequence 15221, A
13	62.5	17.0	113	4 US-09-826-312A-8	Sequence 8, Appli
14	62.5	17.0	113	4 US-09-542-497A-8	Sequence 8, Appli
15	62.5	17.0	218	3 US-08-985-526-1	Sequence 1, Appli
16	62.5	17.0	239	5 PCT-US93-01652-1	Sequence 1, Appli
17	62.5	17.0	441	3 US-08-985-526-3	Sequence 3, Appli
18	62.5	17.0	443	4 US-09-328-352-8124	Sequence 8124, Ap
19	62.5	17.0	1170	1 US-08-313-288B-20	Sequence 20, Appli
20	62.5	17.0	1170	1 US-09-657-472-2	Sequence 2, Appli
21	62	16.8	120	6 5447911-1	Patent No. 5447911
22	62	16.8	120	6 5447911-1	Patent No. 5447911
23	62	16.8	306	4 US-09-489-039A-11260	Sequence 11260, A
24	61	16.6	119	1 US-08-468-347-20	Sequence 20, Appli
25	61	16.6	119	1 US-08-226-264-24	Sequence 24, Appli
26	61	16.6	119	2 US-08-467-389-20	Sequence 20, Appli
27	61	16.6	119	2 US-08-779-379-20	Sequence 20, Appli

28	61	16.6	119	2 US-08-469-219-20	Sequence 20, Appli
29	61	16.6	119	3 US-09-228-152-19	Sequence 19, Appli
30	61	16.6	136	2 US-08-560-098A-59	Sequence 59, Appli
31	61	16.6	136	6 5189019-6	Patent No. 5189019
32	61	16.6	136	6 5189019-6	Patent No. 5189019
33	61	16.6	1121	4 US-08-915-048A-2	Sequence 2, Appli
34	61	16.6	1461	4 US-10-142-231-66	Sequence 86, Appli
35	61	16.6	5179	4 US-09-538-092-1258	Sequence 1258, Ap
36	60	16.3	753	3 US-08-942-686-2	Sequence 4251, Ap
37	59.5	16.2	106	4 US-09-543-681A-4251	Sequence 4251, Ap
38	59.5	16.2	129	2 US-08-225-480-5	Sequence 5, Appli
39	59.5	16.2	129	3 US-09-118-445-5	Sequence 5, Appli
40	59	16.0	572	5 PCT-US91-08177-11	Sequence 11, Appli
41	59	16.0	572	5 PCT-US91-08177-19	Sequence 19, Appli
42	59	16.0	574	4 US-09-567-458A-4	Sequence 4, Appli
43	59	16.0	1045	4 US-09-949-016-11112	Sequence 11112, A
44	59	16.0	1172	1 US-08-313-288B-19	Sequence 19, Appli
45	59	16.0	1172	4 US-09-949-016-6333	Sequence 6333, Ap

ALIGNMENTS

RESULT 1
US-07-899-535A-1
; Sequence 1, Application US/07899535A
; Patent No. 5428011
; GENERAL INFORMATION:
; APPLICANT: Sheth, Anil R.
; APPLICANT: Garde, Seema
; APPLICANT: Panchal, Chandra J.
; TITLE OF INVENTION: Pharmaceutical Preparations For
; TITLE OF INVENTION: Inhibiting Tumours Associated With Prostate
; TITLE OF INVENTION: Adenocarcinoma, Stomach Cancer and Breast Cancer.
; NUMBER OF SEQUENCES: 4
; CORRESPONDENCE ADDRESSES:
; ADDRESSEE: Mr. George Loud
; STREET: 2001 Jefferson Davis Highway, Suite 306
; CITY: Arlington
; STATE: Virginia
; COUNTRY: U.S.A.
; ZIP: 22202
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/899,535A
; FILING DATE: 16-JUN-1992
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Loud, George A.
; REGISTRATION NUMBER: 25,814
; REFERENCE/DOCKET NUMBER: S&B-A835
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 703-415-0960
; TELEFAX: 703-415-0962
; TELEX: 24 8614
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 94 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; HYPOTHEICAL: NO
; US-07-899-535A-1

Query Match 100.0%; Score 368; DB 1; Length 94;
Best Local Similarity 100.0%; Pred. No. 1.2e-34;
Matches 64; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY      61  EWII 64
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Db      91  EWII 94

RESULT 2
US-09-513-999C-7807
; Sequence 7807, Application US/09513999C
; Patent No. 6783961
; GENERAL INFORMATION:
; APPLICANT: Dumas Milne Edwards, J.B.
; APPLICANT: Duclert, A.
; APPLICANT: Giordano, J.Y.
; TITLE OF INVENTION: Expressed Sequence Tags and Encoded Human Proteins.
; Patent No. 6783961
; FILE REFERENCE: 59.US2.REG
; CURRENT APPLICATION NUMBER: US/09/513,999C
; CURRENT FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/122,487
; PRIOR FILING DATE: 1999-02-26
; NUMBER OF SEQ ID NOS: 36681
; SOFTWARE: Patent.pm
; SEQ ID NO 7807
; LENGTH: 114
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: SIGNAL
; LOCATION: -20...-1
; OTHER INFORMATION: score 9
; OTHER INFORMATION: seq VVIFATFVTLGNA/SC
US-09-513-999C-7807

Query Match      100.0%; Score 368; DB 4; Length 114;
Best Local Similarity 100.0%; Pred. No. 1.5e-34;
Matches 64; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY      61  EWII 64
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Db      111  EWII 114

RESULT 3
US-07-899-535A-4
; Sequence 4, Application US/07899535A
; Patent No. 5428011
; GENERAL INFORMATION:
; APPLICANT: Sheeh, Anil R.
; APPLICANT: Garde, Seema
; APPLICANT: Panchal, Chandra J.
; TITLE OF INVENTION: Pharmaceutical Preparations For
; TITLE OF INVENTION: Inhibiting Tumours Associated With Prostate
; TITLE OF INVENTION: Adenocarcinoma, Stomach Cancer and Breast Cancer.
; NUMBER OF SEQUENCES: 4
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Mr. George Loud
; STREET: 2001 Jefferson Davis Highway, Suite 306
; CITY: Arlington
; STATE: Virginia
; COUNTRY: U.S.A.
; ZIP: 22202
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
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; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/899,535A
; FILING DATE: 16-JUN-1992
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Loud, George A.
; REGISTRATION NUMBER: 25,814
; REFERENCE/DOCKET NUMBER: S&B-A835
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 703-415-0960
; TELEFAX: 703-415-0962
; TELEX: 24 8614
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 28 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
; HYPOTHEICAL: NO
US-07-899-535A-4

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Best Local Similarity 100.0%; Pred. No. 8.9e-10;
Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db      1  IFKKEDCKYIVVEKKDPKKTCSVSEW 26

RESULT 4
US-09-949-016-6910
; Sequence 6910, Application US/09949016
; Patent No. 6812339
; GENERAL INFORMATION:
; APPLICANT: VENTER, J. Craig et al.
; TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
; TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
; FILE REFERENCE: C1001307
; CURRENT APPLICATION NUMBER: US/09/949,016
; CURRENT FILING DATE: 2000-04-14
; PRIOR APPLICATION NUMBER: 60/241,755
; PRIOR FILING DATE: 2000-10-20
; PRIOR APPLICATION NUMBER: 60/237,768
; PRIOR FILING DATE: 2000-10-03
; PRIOR APPLICATION NUMBER: 60/231,498
; PRIOR FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 207012
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 6910
; LENGTH: 1036
; TYPE: PRT
; ORGANISM: Human
US-09-949-016-6910

Query Match      21.6%; Score 79.5; DB 4; Length 1036;
Best Local Similarity 32.3%; Pred. No. 0.94;
Matches 21; Conservative 8; Mismatches 21; Indels 15; Gaps 4;

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Db      767  WQDNQETCTCYETETISCTLVSTPVGYDKDNCQRIFFKEDCKYIVVEKKDPKKTCSVS 817
QY      56  TCGVS 60
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Db      818  VCHFS 822

RESULT 5
US-09-949-016-11522
; Sequence 11522, Application US/09949016
; Patent No. 6812339
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TYPE: PRT
ORGANISM: Drosophila melanogaster
US-09-270-767-41534

Query Match 17.5%; Score 64.5; DB 4; Length 115;
Best Local Similarity 27.3%; Pred. No. 4.4;
Matches 15; Conservative 10; Mismatches 27; Indels 11; Gaps 4;

QY 1 EMQDNCETCTCYETETISCTLVSTPVGYDKNC-----QRIFKEDC--KY-IIVEKK 51
DB 35 KMKDKCTECQCCDSKGTTC--VEKKQVEENICAGYRPETIVSVDCCPRYACVPETK 92
QY 52 DPKKTC 57
DB 93 DPKKTC 98

RESULT 10
US-08-938-365-4
Sequence 4, Application US/08938365
Patent No. 5989909
GENERAL INFORMATION:
APPLICANT: Yang, Pan
TITLE OF INVENTION: HUCHORDIN AND USES THEREOF
NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson P.C.
STREET: 225 Franklin Street
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02110-2804
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows95
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/938.365
FILING DATE: 26-SEP-1997
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Meiklejohn, Ph.D., Anita L.
REGISTRATION NUMBER: 35,283
REFERENCE/DOCKET NUMBER: 09404/040001
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617/542-5070
TELEFAX: 617/542-8906
TELEX: 200154
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 940 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-938-365-4

Query Match 17.5%; Score 64.5; DB 2; Length 940;
Best Local Similarity 25.9%; Pred. No. 43;
Matches 15; Conservative 11; Mismatches 23; Indels 9; Gaps 3;

QY 2 WQDNCETCTCYETETISCTLVSTPVGYDKNC-QRIFKEDCKYIIVEKKDPK 55
DB 705 WADPYRKCSVCQCKRTVICDPVCPPL-----NCSQVHLDPQCCPVCBEKKEMRE 757

RESULT 11
US-08-343-760A-2
Sequence 2, Application US/08343760A
Patent No. 5679783

GENERAL INFORMATION:
APPLICANT: De Robertis, Edward M
APPLICANT: Saeai, Yoshiki
TITLE OF INVENTION: Tissue Differentiation Affecting
TITLE OF INVENTION: Factor and Composition
NUMBER OF SEQUENCES: 3
CORRESPONDENCE ADDRESS:
ADDRESSEE: Majestic, Parsons, Siebert & Haue
STREET: Four Embarcadero Center, Suite 1450
CITY: San Francisco
STATE: CA
COUNTRY: USA
ZIP: 94111
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/343,760A
FILING DATE: 22-NOV-1994
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: Siebert, J, Suzanne
REGISTRATION NUMBER: 28,758
REFERENCE/DOCKET NUMBER: 3100.1
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 363-5556
TELEFAX: (415) 362-5418
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 941 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-343-760A-2

Query Match 17.5%; Score 64.5; DB 1; Length 941;
Best Local Similarity 25.9%; Pred. No. 43;
Matches 15; Conservative 11; Mismatches 23; Indels 9; Gaps 3;

QY 2 WQDNCETCTCYETETISCTLVSTPVGYDKNC-QRIFKEDCKYIIVEKKDPK 55
DB 706 WADPYRKCSVCQCKRTVICDPVCPPL-----NCSQVHLDPQCCPVCBEKKEMRE 758

RESULT 12
US-09-248-796A-15221
Sequence 15221, Application US/09248796A
Patent No. 6747137
GENERAL INFORMATION:
APPLICANT: Keith Weinstock et al
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO CANDIDA ALBICANS
FILE REFERENCE: 107196.132
CURRENT APPLICATION NUMBER: US/09/248,796A
CURRENT FILING DATE: 1999-02-12
PRIOR APPLICATION NUMBER: US 60/074,725
PRIOR FILING DATE: 1998-02-13
PRIOR APPLICATION NUMBER: US 60/096,409
PRIOR FILING DATE: 1998-08-13
NUMBER OF SEQ ID NOS: 28208
SEQ ID NO 15221
LENGTH: 293
TYPE: PRT
ORGANISM: Candida albicans
US-09-248-796A-15221

Query Match 17.3%; Score 63.5; DB 4; Length 293;
Best Local Similarity 41.7%; Pred. No. 16;
Matches 15; Conservative 3; Mismatches 9; Indels 9; Gaps 2;

OY 5 DNCETCTCYETETISCTCTVSTPVGDKDNCGRIFKK 40
DB 266 DNC-----LQTKCTTVER--GYEKDMMVVIKK 292

RESULT 13
US-09-826-312A-8
; Sequence 8, Application US/09826312A
; Patent No. 6737244
; GENERAL INFORMATION:
; APPLICANT: Issakani, Sarkiz D.
; APPLICANT: Huang, Jianing
; APPLICANT: Sheung, Julie
; APPLICANT: Pray, Todd R.
; APPLICANT: Rigel Pharmaceuticals, Inc.
; TITLE OF INVENTION: Ubiquitin Ligase Assay
; FILE REFERENCE: 021044-007010US
; CURRENT APPLICATION NUMBER: US/09/826,312A
; PRIOR APPLICATION NUMBER: 2001-04-03
; PRIOR FILING DATE: 2000-04-03
; NUMBER OF SEQ ID NOS: 21
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 8
; LENGTH: 113
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: RING finger protein ROC2
US-09-826-312A-8

Query Match 17.0%; Score 62.5; DB 4; Length 113;
Best Local Similarity 25.4%; Pred. No. 7.2;
Matches 16; Conservative 7; Mismatches 29; Indels 11; Gaps 2;
OY 2 WQTD-NCETCTCYETETISCTCTVSTPVGDKDNCGRIFKKEDCKTIYVEKKDPKKTCSVS 60
DB 41 MSWDECDTCAICRVQVMDACL-----RCQAEKNQEDCVVWGBECNHSFHNCCMS 90
OY 61 EMI 63
DB 91 LMV 93

RESULT 14
US-09-542-497A-8
; Sequence 8, Application US/09542497A
; Patent No. 6740495
; GENERAL INFORMATION:
; APPLICANT: Issakani, Sarkiz D.
; APPLICANT: Huang, Jianing
; APPLICANT: Sheung, Julie
; TITLE OF INVENTION: Ubiquitin Ligase Assay
; FILE REFERENCE: A-68613/RMS/JUD
; CURRENT APPLICATION NUMBER: US/09/542,497A
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 8
; LENGTH: 113
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-542-497A-8

Query Match 17.0%; Score 62.5; DB 4; Length 113;
Best Local Similarity 25.4%; Pred. No. 7.2;
Matches 16; Conservative 7; Mismatches 29; Indels 11; Gaps 2;
OY 2 WQTD-NCETCTCYETETISCTCTVSTPVGDKDNCGRIFKKEDCKTIYVEKKDPKKTCSVS 60
DB 41 MSWDECDTCAICRVQVMDACL-----RCQAEKNQEDCVVWGBECNHSFHNCCMS 90
OY 61 EMI 63

DB 91 LMV 93

RESULT 15
US-08-985-526-1
; Sequence 1, Application US/08985526
; Patent No. 6080728
; GENERAL INFORMATION:
; APPLICANT: Maxson, James A
; TITLE OF INVENTION: CARRIER-DNA COMPLEXES CONTAINING DNA
; TITLE OF INVENTION: ENCODING ANTI-ANGIOGENIC PEPTIDES AND THEIR USE IN GENE
; TITLE OF INVENTION: THERAPY
; NUMBER OF SEQUENCES: 43
; CORRESPONDENCE ADDRESSES:
; ADDRESSEE: Connolly, Bove, Lodge, & Hutz
; STREET: 1220 Market Street, P.O. Box 2207
; CITY: Wilmington
; STATE: Delaware
; COUNTRY: U.S.A.
; ZIP: 19899
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/985,526
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/608,845
; FILING DATE: 16-JUL-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: McMorrow Jr., Robert G
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (302) 658-9141
; TELEFAX: (302) 658-5613
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 218 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
US-08-985-526-1

Query Match 17.0%; Score 62.5; DB 3; Length 218;
Best Local Similarity 37.0%; Pred. No. 15;
Matches 10; Conservative 5; Mismatches 11; Indels 1; Gaps 1;
OY 1 EMQTDNCETCTCYETETISCTCTVSTPV 27
DB 30 EMTVDSCTECHC-QNSVTICKVSCPI 55

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OM protein - protein search, using SW model

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Title: US-09-977-406a-58

Perfect score: 368
Sequence: 1 EMQDNCETCTCYETETISCC.....YIVVEKDKPKKTSVSEWII 64

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Listing first 45 summaries

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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2	368	100.0	64	17	US-10-948-229-57	Sequence 57, Appl
3	368	100.0	64	20	US-11-004-270-57	Sequence 57, Appl
4	368	100.0	64	20	US-11-004-273-57	Sequence 57, Appl
5	368	100.0	94	10	US-09-977-406a-1	Sequence 1, Appl
6	368	100.0	94	14	US-10-291-360-1	Sequence 1, Appl
7	368	100.0	94	17	US-10-857-358-1	Sequence 1, Appl
8	368	100.0	94	17	US-10-948-229-1	Sequence 1, Appl
9	368	100.0	94	20	US-11-004-270-1	Sequence 1, Appl
10	368	100.0	94	20	US-11-004-273-1	Sequence 1, Appl
11	368	100.0	102	10	US-09-977-406a-2	Sequence 2, Appl

12	368	100.0	102	14	US-10-291-360-2	Sequence 2, Appl
13	368	100.0	102	17	US-10-857-358-2	Sequence 2, Appl
14	368	100.0	102	17	US-10-948-229-2	Sequence 2, Appl
15	368	100.0	102	20	US-11-004-270-2	Sequence 2, Appl
16	368	100.0	102	20	US-11-004-273-2	Sequence 2, Appl
17	368	100.0	114	13	US-10-012-896-1003	Sequence 1003, Ap
18	368	100.0	114	14	US-10-205-823-271	Sequence 271, Ap
19	368	100.0	114	14	US-10-144-678a-1003	Sequence 1003, Ap
20	368	100.0	114	14	US-10-294-025-1003	Sequence 1003, Ap
21	368	100.0	114	15	US-10-291-172-236	Sequence 236, App
22	368	100.0	114	15	US-10-221-278-236	Sequence 236, App
23	368	100.0	114	16	US-10-408-765a-532	Sequence 532, App
24	368	100.0	118	16	US-10-425-115-272486	Sequence 272486,
25	368	100.0	132	9	US-09-925-300-1027	Sequence 1027, Ap
26	364	98.9	63	10	US-09-977-406a-57	Sequence 57, Appl
27	364	98.9	63	17	US-10-948-229-56	Sequence 56, Appl
28	364	98.9	63	20	US-11-004-270-56	Sequence 56, Appl
29	364	98.9	63	20	US-11-004-273-56	Sequence 56, Appl
30	360	97.8	62	10	US-09-977-406a-56	Sequence 56, Appl
31	360	97.8	62	17	US-10-948-229-55	Sequence 55, Appl
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37	349	94.8	61	20	US-11-004-273-54	Sequence 54, Appl
38	344	93.5	60	10	US-09-977-406a-54	Sequence 54, Appl
39	344	93.5	60	17	US-10-948-229-53	Sequence 53, Appl
40	344	93.5	60	20	US-11-004-270-53	Sequence 53, Appl
41	344	93.5	60	20	US-11-004-273-53	Sequence 53, Appl
42	340	92.4	59	10	US-09-977-406a-53	Sequence 53, Appl
43	340	92.4	59	17	US-10-948-229-52	Sequence 52, Appl
44	340	92.4	59	20	US-11-004-270-52	Sequence 52, Appl
45	340	92.4	59	20	US-11-004-273-52	Sequence 52, Appl

ALIGNMENTS

RESULT 1
US-09-977-406a-58
; Sequence 58, Application US/09977406A
; Publication No. US20030170220A1
; GENERAL INFORMATION:
; APPLICANT: PROCON BIOPHARMA INC.
; TITLE OF INVENTION: PHARMACEUTICAL PREPARATIONS AND METHODS FOR INHIBITING TUMORS
; FILE REFERENCE: 06508-030-US-03
; CURRENT FILING DATE: 2001-10-15
; PRIOR APPLICATION NUMBER: CA 2,321,256
; PRIOR FILING DATE: 2000-10-16
; PRIOR APPLICATION NUMBER: CA 2,355,334
; PRIOR FILING DATE: 2001-08-20
; NUMBER OF SEQ ID NOS: 92
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 58
; LENGTH: 64
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Polypeptide derived from rhPSP94 sequence (polypeptide analog)
US-09-977-406a-58

Query Match 100.0%; Score 368; DB 10; Length 64;
Best Local Similarity 100.0%; Pred. No. 1,7e-33;
Matches 64; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 EMQDNCETCTCYETETISCTLVSTPVGYDNCORIFKEDCKYIVVEKDKPKKTSVSVS 60
DB 1 EMQDNCETCTCYETETISCTLVSTPVGYDNCORIFKEDCKYIVVEKDKPKKTSVSVS 60
QY 61 EWII 64
|||||

Db 61 EWI 64

RESULT 2

US-10-948-229-57
; Sequence 57, Application US/10948229
; Publication No. US20050096273A1
; GENERAL INFORMATION:
; APPLICANT: Panchal, Chandra J
; APPLICANT: Daigneault, Luc
; APPLICANT: Hawkins, Robert
; APPLICANT: Ruiz, Marcia
; APPLICANT: Garde, Seema
; TITLE OF INVENTION: REGULATION OF MATRIX METALLOPROTEINASES BY PSP94 FAMILY MEMBERS
; FILE REFERENCE: BKP-022
; CURRENT APPLICATION NUMBER: US/10/948,229
; CURRENT FILING DATE: 2004-09-24
; PRIOR APPLICATION NUMBER: CA 2,441,695
; PRIOR FILING DATE: 2003-09-26
; NUMBER OF SEQ ID NOS: 91
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 57
; LENGTH: 64
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PSP94 family member
US-10-948-229-57

Query Match 100.0%; Score 368; DB 17; Length 64;

Best Local Similarity 100.0%; Pred. No. 1,7e-33; Mismatches 0; Indels 0; Gaps 0;

Matches 64; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 EMQDNCETCTCYETETISCTLVSTPVGYDKDNCQRIFKKEDCKYIVVEKKDPKKTCSVS 60

Db 1 EMQDNCETCTCYETETISCTLVSTPVGYDKDNCQRIFKKEDCKYIVVEKKDPKKTCSVS 60

Qy 61 EWI 64

Db 61 EWI 64

RESULT 3

US-11-004-270-57
; Sequence 57, Application US/11004270
; Publication No. US20050147601A1
; GENERAL INFORMATION:
; APPLICANT: Panchal, Chandra J.
; APPLICANT: Wu, Jinzi
; APPLICANT: Beliveau, Richard
; APPLICANT: Ruiz, Marcia
; APPLICANT: Garde, Seema
; APPLICANT: Annabi, Borhane
; APPLICANT: Lamy, Sylvie
; APPLICANT: Bouzeghrane, Mounia
; APPLICANT: Daigneault, Luc
; APPLICANT: Hawkins, Robert
; TITLE OF INVENTION: REGULATION OF CELL MIGRATION AND ADHESION
; FILE REFERENCE: BKP-020
; CURRENT APPLICATION NUMBER: US/11/004,270
; CURRENT FILING DATE: 2004-12-02
; PRIOR APPLICATION NUMBER: US 10/948,229
; PRIOR FILING DATE: 2004-09-24
; PRIOR APPLICATION NUMBER: CA 2,441,695
; PRIOR FILING DATE: 2003-09-26
; NUMBER OF SEQ ID NOS: 99
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 57
; LENGTH: 64
; TYPE: PRT
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: PCK3145 derivative

US-11-004-270-57

Query Match 100.0%; Score 368; DB 20; Length 64;
Best Local Similarity 100.0%; Pred. No. 1,7e-33;
Matches 64; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 EMQDNCETCTCYETETISCTLVSTPVGYDKDNCQRIFKKEDCKYIVVEKKDPKKTCSVS 60

Db 1 EMQDNCETCTCYETETISCTLVSTPVGYDKDNCQRIFKKEDCKYIVVEKKDPKKTCSVS 60

Qy 61 EWI 64

Db 61 EWI 64

RESULT 4

US-11-004-273-57
; Sequence 57, Application US/11004273
; Publication No. US20050148514A1
; GENERAL INFORMATION:
; APPLICANT: Panchal, Chandra J.
; APPLICANT: Wu, Jinzi
; APPLICANT: Beliveau, Richard
; APPLICANT: Ruiz, Marcia
; APPLICANT: Garde, Seema
; APPLICANT: Annabi, Borhane
; APPLICANT: Lamy, Sylvie
; APPLICANT: Bouzeghrane, Mounia
; APPLICANT: Daigneault, Luc
; APPLICANT: Hawkins, Robert
; TITLE OF INVENTION: METHOD AND COMPOSITION FOR TREATMENT OF ANGIOGENESIS
; FILE REFERENCE: BKP-021
; CURRENT APPLICATION NUMBER: US/11/004,273
; CURRENT FILING DATE: 2004-12-02
; PRIOR APPLICATION NUMBER: US 10/948,229
; PRIOR FILING DATE: 2004-09-24
; PRIOR APPLICATION NUMBER: CA 2,441,695
; PRIOR FILING DATE: 2003-09-26
; NUMBER OF SEQ ID NOS: 99
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 57
; LENGTH: 64
; TYPE: PRT
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: PCK3145 derivative
US-11-004-273-57

Query Match 100.0%; Score 368; DB 20; Length 64;

Best Local Similarity 100.0%; Pred. No. 1,7e-33; Mismatches 0; Indels 0; Gaps 0;

Qy 1 EMQDNCETCTCYETETISCTLVSTPVGYDKDNCQRIFKKEDCKYIVVEKKDPKKTCSVS 60

Db 1 EMQDNCETCTCYETETISCTLVSTPVGYDKDNCQRIFKKEDCKYIVVEKKDPKKTCSVS 60

Qy 61 EWI 64

Db 61 EWI 64

RESULT 5

US-09-977-406a-1
; Sequence 1, Application US/09977406A
; Publication No. US20030170220A1
; GENERAL INFORMATION:
; APPLICANT: PROCTON BIOPHARMA INC.
; TITLE OF INVENTION: PHARMACEUTICAL PREPARATIONS AND METHODS FOR INHIBITING TUMORS
; FILE REFERENCE: 06508-030-US-03
; CURRENT APPLICATION NUMBER: US/09/977,406A
; CURRENT FILING DATE: 2001-10-15
; PRIOR APPLICATION NUMBER: CA 2,321,256
; PRIOR FILING DATE: 2000-10-16

PRIOR APPLICATION NUMBER: CA 2,355,334
PRIOR FILING DATE: 2001-08-20
NUMBER OF SEQ ID NOS: 92
SOFTWARE: PatentIn version 3.1
SEQ ID NO 1
LENGTH: 94
TYPE: PRT
ORGANISM: Homo sapiens
PUBLICATION INFORMATION:
AUTHORS: Ulvback, M., Lindstrom, C., Welber, H., Abrahamson, P.A., Lilja, H., and
AUTHORS: Lundvall, A.
TITLE: Molecular cloning of a small prostate protein, known as beta-
TITLE: microsemenoprotein, PSP94 or beta-inhibin, and demonstration of transcripts 1
TITLE: non-genital tissues.
JOURNAL: Biochem. Biophys. Res Commun.
VOLUME: 164
ISSUE: 3
PAGES: 1310-1315
DATE: 1989
DATABASE ACCESSION NUMBER: GI 131436
DATABASE ENTRY DATE: 1988-08-01
US-09-977-406A-1

Query Match 100.0%; Score 368; DB 10; Length 94;
Best Local Similarity 100.0%; Pred. No. 2.6e-33;
Matches 64; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 EMOTDNCETCTCYETETISCTLVSTPVGVDKNCORIFKEDCKYIVVEKKDPKKTCSVS 60
DB 31 EMOTDNCETCTCYETETISCTLVSTPVGVDKNCORIFKEDCKYIVVEKKDPKKTCSVS 90
QY 61 EWII 64
DB 91 EWII 94

RESULT 6
US-10-291-360-1
Sequence 1, Application US/10291360
Publication No. US20030119744A1
GENERAL INFORMATION:
APPLICANT: PROCTON BIOPHARMA INC.
TITLE OF INVENTION: PSP-94: Use for Treatment of Hypercalcemia and Bone metastasis
FILE REFERENCE: 06508-051-US-02
CURRENT APPLICATION NUMBER: US/10/291,360
CURRENT FILING DATE: 2002-11-08
PRIOR APPLICATION NUMBER: CA 2,361,736
PRIOR FILING DATE: 2001-11-08
NUMBER OF SEQ ID NOS: 6
SOFTWARE: PatentIn version 3.1
SEQ ID NO 1
LENGTH: 94
TYPE: PRT
ORGANISM: Homo sapiens
PUBLICATION INFORMATION:
AUTHORS: Ulvback, M., Lindstrom, C., Welber, H., Abrahamson, P.A., Lilja, H., and
AUTHORS: Lundvall, A.
TITLE: Molecular cloning of a small prostate protein, known as beta-
TITLE: microsemenoprotein, PSP94 or beta-inhibin, and demonstration of transcripts 1
TITLE: non-genital tissues.
JOURNAL: Biochem. Biophys. Res Commun.
VOLUME: 164
ISSUE: 3
PAGES: 1310-1315
DATE: 1989
DATABASE ACCESSION NUMBER: GI 131436
DATABASE ENTRY DATE: 1988-08-01
US-10-291-360-1

Query Match 100.0%; Score 368; DB 14; Length 94;
Best Local Similarity 100.0%; Pred. No. 2.6e-33;
Matches 64; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 EMOTDNCETCTCYETETISCTLVSTPVGVDKNCORIFKEDCKYIVVEKKDPKKTCSVS 60
DB 31 EMOTDNCETCTCYETETISCTLVSTPVGVDKNCORIFKEDCKYIVVEKKDPKKTCSVS 90
QY 61 EWII 64
DB 91 EWII 94

RESULT 7
US-10-857-358-1
Sequence 1, Application US/10857358
Publication No. US20050026833A1
GENERAL INFORMATION:
APPLICANT: PROCTON BIOPHARMA INC.
TITLE OF INVENTION: PSP-94: Use for Treatment of Hypercalcemia and Bone metastasis
FILE REFERENCE: 06508-153
CURRENT APPLICATION NUMBER: US/10/857,358
CURRENT FILING DATE: 2004-06-01
PRIOR APPLICATION NUMBER: CA 2,361,736
PRIOR FILING DATE: 2001-11-08
PRIOR APPLICATION NUMBER: US 10/291,360
PRIOR FILING DATE: 2002-11-08
NUMBER OF SEQ ID NOS: 7
SOFTWARE: PatentIn version 3.1
SEQ ID NO 1
LENGTH: 94
TYPE: PRT
ORGANISM: Homo sapiens
PUBLICATION INFORMATION:
AUTHORS: Ulvback, M., Lindstrom, C., Welber, H., Abrahamson, P.A., Lilja, H., and
AUTHORS: Lundvall, A.
TITLE: Molecular cloning of a small prostate protein, known as beta-
TITLE: microsemenoprotein, PSP94 or beta-inhibin, and demonstration of transcripts 1
TITLE: non-genital tissues.
JOURNAL: Biochem. Biophys. Res Commun.
VOLUME: 164
ISSUE: 3
PAGES: 1310-1315
DATE: 1989
DATABASE ACCESSION NUMBER: GI 131436
DATABASE ENTRY DATE: 1988-08-01
US-10-857-358-1

Query Match 100.0%; Score 368; DB 17; Length 94;
Best Local Similarity 100.0%; Pred. No. 2.6e-33;
Matches 64; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 EMOTDNCETCTCYETETISCTLVSTPVGVDKNCORIFKEDCKYIVVEKKDPKKTCSVS 60
DB 31 EMOTDNCETCTCYETETISCTLVSTPVGVDKNCORIFKEDCKYIVVEKKDPKKTCSVS 90
QY 61 EWII 64
DB 91 EWII 94

RESULT 8
US-10-948-229-1
Sequence 1, Application US/10948229
Publication No. US20050096273A1
GENERAL INFORMATION:
APPLICANT: Panchal, Chandra J
APPLICANT: Daigneault, Luc
APPLICANT: Hawkins, Robert
APPLICANT: Ruiz, Marcia
APPLICANT: Garde, Seema
TITLE OF INVENTION: REGULATION OF MATRIX METALLOPROTEINASES BY PSP94 FAMILY MEMBERS
FILE REFERENCE: BXP-022
CURRENT APPLICATION NUMBER: US/10/948,229
CURRENT FILING DATE: 2004-09-24
PRIOR APPLICATION NUMBER: CA 2,441,695
PRIOR FILING DATE: 2003-09-26

```

; NUMBER OF SEQ ID NOS: 91
; SOFTWARE: PatentIn version 3.3.3
; SEQ ID NO 1
; LENGTH: 94
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-948-229-1

```

Query Match	100.0%;	Score 368;	DB 17;	Length 94;
Best Local Similarity	100.0%;	Pred. No. 2.6e-33;		
Matches 64;	Conservative 0;	Mismatches 0;	Indels 0;	Gaps 0;

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0y      1 EMQTNCETCTCYETEISCCITLSTPVGYDKDNQRIKKEDCKIIVEKDDPKKTCSVS    60
        |||||
Db     31 EMQTNCETCTCYETEISCCITLSTPVGYDKDNQRIKKEDCKIIVEKDDPKKTCSVS    90
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QY	61	EWII	64
Db	91	EWII	94

RESULT 9
US-11-004-270-1

```

Sequence 1, Application US/11004270
Publication No. US20050147601A1
GENERAL INFORMATION:
APPLICANT: Panchal, Chandra J.
APPLICANT: Wu, Jinzi
APPLICANT: Bellevue, Richard
APPLICANT: Ruiz, Marcia
APPLICANT: Garde, Seema
APPLICANT: Annabi, Borhane
APPLICANT: Lamy, Sylvie
APPLICANT: Bouzeghrane, Mounia
APPLICANT: Daigneault, Luc
APPLICANT: Hawking, Robert
TITLE OF INVENTION: REGULATION OF CELL MIGRATION AND ADHESION
FILE REFERENCE: BKP-020
CURRENT APPLICATION NUMBER: US/11/004,270
CURRENT FILING DATE: 2004-12-02
PRIOR APPLICATION NUMBER: US 10/948,229
PRIOR FILING DATE: 2004-09-24
PRIOR APPLICATION NUMBER: CA 2,441,695
PRIOR FILING DATE: 2003-09-26
NUMBER OF SEQ ID NOS: 99
SOFTWARE: PatentIn version 3.3
SEQ ID NO 1
LENGTH: 94
TYPE: PRT
ORGANISM: Homo sapiens
US-11-004-270-1

```

Query Match	100.0%;	Score 368;	DB 20;	Length 94;
Best Local Similarity	100.0%;	Pred. No. 2.6e-33;		
Matches 64; Conservative	0;	Mismatches 0;	Indels 0;	Gaps 0

Qy	Db
1	31
EMQDNCETCTCETEISCTTAVSTPVGDKNCORI	EMQDNCETCTCETEISCTTAVSTPVGDKNCORI
FKKEDCKIIVKEKDPKKTCSVS	FKKEDCKIIVKEKDPKKTCSVS
60	900

QY	61	EWIT	64
Db	91	EWIT	94

RESULT 10
US-11-004

```

; Sequence 1, Application US/11004273
; Publication No. US20050148514A1
; GENERAL INFORMATION:
; APPLICANT: Panchal, Chandra J.
; APPLICANT: Wu, Jinzi
; APPLICANT: Beliveau, Richard

```

```

? APPLICANT: Ruiz, Marcia
? APPLICANT: Garde, Seema
? APPLICANT: Annabi, Borhane
? APPLICANT: Lamy, Sylvie
? APPLICANT: Bouzeghrane, Mounia
? APPLICANT: Daigneault, Luc
? APPLICANT: Hawkins, Robert
? TITLE OF INVENTION: METHOD AND COMPOSITION FOR TREATMENT OF ANGIOGENESIS
? FILE REFERENCE: BKP-021
? CURRENT APPLICATION NUMBER: US/11/004,273
? CURRENT FILING DATE: 2004-12-02
? PRIOR APPLICATION NUMBER: US 10/948,229
? PRIOR FILING DATE: 2004-09-24
? PRIOR APPLICATION NUMBER: CA 2,441,695
? PRIOR FILING DATE: 2003-09-26
? NUMBER OF SEQ ID NOS: 99
? SOFTWARE: PatentIn version 3.3
? SEQ ID NO 1
? LENGTH: 94
? TYPE: PRD
? ORGANISM: Homo sapiens
? US-11-004-273-1

Query Match 100.0%; Score 368; DB 20; Length 94;
Best Local Similarity 100.0%; Prcd. NO. 2,6e-33;
Matches 64; Conservative 0; Mismatches 0; Indels 0; Gaps 0

```

QY	DB
1	EMQDNCETCTCYETEISCCCLIVSTPYGYDKNCQRIFFKEDCKIIVVEKDPKTCVS
2	
3	
4	
5	
6	
7	
8	
9	
10	
11	
12	
13	
14	
15	
16	
17	
18	
19	
20	
21	
22	
23	
24	
25	
26	
27	
28	
29	
30	
31	EMQDNCETCTCYETEISCCCLIVSTPYGYDKNCQRIFFKEDCKIIVVEKDPKTCVS

QY	61	EWII	64
Db	91	EWII	94

RESULT 11
US-09-977

```

RESULT 11
US-09-977-406A-2
; Sequence 2, Application US/09977406A
; Publication No. US20030170220A1
; GENERAL INFORMATION:
; APPLICANT: PROCYON BIOPHARMA INC.
; TITLE OF INVENTION: PHARMACEUTICAL PREPARATIONS AND METHODS FOR INHIBITTING TUMORS
; FILE REFERENCE: 06508-030-US-03
; CURRENT APPLICATION NUMBER: US/09/977, 406A
; CURRENT FILING DATE: 2001-10-15
; PRIOR APPLICATION NUMBER: CA 2,321,256
; PRIOR FILING DATE: 2000-10-16
; PRIOR APPLICATION NUMBER: CA 2,355,334
; PRIOR FILING DATE: 2001-08-20
; NUMBER OF SEQ ID NOS: 92
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 2
; LENGTH: 102
; TYPE: prt
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: recombinant human PSP94 (rHuPSP94) produced from yeast
US-09-977-406A-2

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Query Match	100.0%;	Score 368;	DB 10;	Length 102;
Best Local Similarity	100.0%;	Pred. No. 2.8e-33;		
Matches 64;	Conservative 0;	Mismatches 0;	Indels 0;	Gaps 0

```
QY      1 EMQTNCETCTCYETEISCCITLSTPVGDKDNCQRIFPKEDCKIIVEKDPKITCSVS   60
Db      |||||
       39 EMQTNCETCTCYETEISCCITLSTPVGDKDNCQRIFPKEDCKIIVEKDPKITCSVS   96
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QY	61	EWII	64
Db	99	EWII	102

Db 99 EWII 102

```
RESULT 12
US-10-291-360-2
; Sequence 2, Application US/10291360
; Publication No. US20030119744A1
; GENERAL INFORMATION:
; APPLICANT: PROCCON BIOPHARMA INC.
; TITLE OF INVENTION: PSP-94: Use for Treatment of Hypercalcemia and Bone metastasis
; FILE REFERENCE: 06508-051-US-02
; CURRENT FILING DATE: US/10/291,360
; PRIOR FILING DATE: 2002-11-08
; PRIOR APPLICATION NUMBER: CA 2,361,736
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 2
; LENGTH: 102
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: recombinant human PSP94 (rHbPSP94) produced from yeast
US-10-291-360-2

Query Match
Best Local Similarity 100.0%; Score 368; DB 14; Length 102;
Matches 64; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 EMQDNCETCTCYETETISCTLVSTPVGYDKDNCORIFKEDCKYIVVEKKDPKKTCSVS 60
Db 39 EMQDNCETCTCYETETISCTLVSTPVGYDKDNCORIFKEDCKYIVVEKKDPKKTCSVS 98
Qy 61 EMI 64
Db 99 EMI 102

RESULT 13
US-10-857-358-2
; Sequence 2, Application US/10857358
; Publication No. US20050026833A1
; GENERAL INFORMATION:
; APPLICANT: PROCCON BIOPHARMA INC.
; TITLE OF INVENTION: PSP-94: Use for Treatment of Hypercalcemia and Bone metastasis
; FILE REFERENCE: 06508-153
; CURRENT FILING DATE: US/10/857,358
; PRIOR FILING DATE: 2004-06-01
; PRIOR APPLICATION NUMBER: CA 2,361,736
; PRIOR FILING DATE: 2001-11-08
; PRIOR APPLICATION NUMBER: US 10/291,360
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 2
; LENGTH: 102
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: recombinant human PSP94 (rHbPSP94) produced from yeast
US-10-857-358-2

Query Match
Best Local Similarity 100.0%; Score 368; DB 17; Length 102;
Matches 64; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 EMQDNCETCTCYETETISCTLVSTPVGYDKDNCORIFKEDCKYIVVEKKDPKKTCSVS 60
Db 39 EMQDNCETCTCYETETISCTLVSTPVGYDKDNCORIFKEDCKYIVVEKKDPKKTCSVS 98
Qy 61 EMI 64
Db 99 EMI 102

RESULT 14
```

```
US-10-948-229-2
; Sequence 2, Application US/10948229
; Publication No. US20050096273A1
; GENERAL INFORMATION:
; APPLICANT: Panchal, Chandra J
; APPLICANT: Daigneault, Luc
; APPLICANT: Hawkins, Robert
; APPLICANT: Ruiz, Marcia
; APPLICANT: Garde, Seema
; TITLE OF INVENTION: REGULATION OF MATRIX METALLOPROTEINASES BY PSP94 FAMILY MEMBERS
; FILE REFERENCE: BKP-022
; CURRENT FILING DATE: US/10/948,229
; PRIOR FILING DATE: 2004-09-24
; PRIOR APPLICATION NUMBER: CA 2,441,695
; NUMBER OF SEQ ID NOS: 91
; SOFTWARE: Patentin version 3.3
; SEQ ID NO 2
; LENGTH: 102
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PSP94 family member
US-10-948-229-2

Query Match
Best Local Similarity 100.0%; Score 368; DB 17; Length 102;
Matches 64; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 EMQDNCETCTCYETETISCTLVSTPVGYDKDNCORIFKEDCKYIVVEKKDPKKTCSVS 60
Db 39 EMQDNCETCTCYETETISCTLVSTPVGYDKDNCORIFKEDCKYIVVEKKDPKKTCSVS 98
Qy 61 EMI 64
Db 99 EMI 102

RESULT 15
US-11-004-270-2
; Sequence 2, Application US/11004270
; Publication No. US20050147601A1
; GENERAL INFORMATION:
; APPLICANT: Panchal, Chandra J.
; APPLICANT: Wu, Jinzi
; APPLICANT: Beliveau, Richard
; APPLICANT: Ruiz, Marcia
; APPLICANT: Garde, Seema
; APPLICANT: Annabi, Borhane
; APPLICANT: Lamy, Sylvie
; APPLICANT: Bouzeghrane, Mounia
; APPLICANT: Daigneault, Luc
; APPLICANT: Hawkins, Robert
; TITLE OF INVENTION: REGULATION OF CELL MIGRATION AND ADHESION
; FILE REFERENCE: BKP-020
; CURRENT FILING DATE: US/11/004,270
; PRIOR FILING DATE: 2004-12-02
; PRIOR APPLICATION NUMBER: US 10/948,229
; PRIOR FILING DATE: 2004-09-24
; PRIOR APPLICATION NUMBER: CA 2,441,695
; NUMBER OF SEQ ID NOS: 99
; SOFTWARE: Patentin version 3.3
; SEQ ID NO 2
; LENGTH: 102
; TYPE: PRT
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: PSP94 family member
US-11-004-270-2

Query Match
Best Local Similarity 100.0%; Score 368; DB 20; Length 102;
Matches 64; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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Matches	64;	Conservative	0;	Mismatches	0;	Indels	0;	Gaps	0;
Qy	1	EMQTDNCETCTCYETETISCTLVSTPVGYDKNCQRIFKKEDCKYIVVEKKDPKKTCSVS	60						
Db	39	EMQTDNCETCTCYETETISCTLVSTPVGYDKNCQRIFKKEDCKYIVVEKKDPKKTCSVS	98						
Qy	61	EWII 64							
Db	99	EWII 102							

Search completed: July 27, 2005, 20:06:04
Job time : 121.785 secs

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OM protein - protein search, using SW model

Run on: July 27, 2005, 19:08:08 ; Search time 8.20364 Seconds
(without alignments)
145.592 Million cell updates/sec

Title: US-09-977-406A-59
Perfect score: 101
Sequence: 1 SEMQDNCETCTCYET 16

Scoring table: BIOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 513545 seqs, 74649064 residues

Total number of hits satisfying chosen parameters: 513545

Minimum DB seq length: 0
Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Issued Patents, AA:*
1: /cgn2_6/ptodata/1/1aa/5A.COMB.pep:*
2: /cgn2_6/ptodata/1/1aa/5B.COMB.pep:*
3: /cgn2_6/ptodata/1/1aa/6A.COMB.pep:*
4: /cgn2_6/ptodata/1/1aa/6B.COMB.pep:*
5: /cgn2_6/ptodata/1/1aa/PTUS.COMB.pep:*
6: /cgn2_6/ptodata/1/1aa/Backfile1.pep:*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	101	100.0	94	1	US-07-899-535A-1
2	101	100.0	114	4	US-09-513-999C-7807
3	52	51.5	1045	4	US-09-949-016-11112
4	52	51.5	1172	1	US-08-313-288B-19
5	52	51.5	1172	4	US-09-949-016-6333
6	50	48.5	466	3	US-09-724-864-44
7	49	48.5	1036	4	US-09-949-016-6910
8	49	48.5	1049	4	US-09-949-016-11522
9	47	46.5	164	4	US-09-907-794A-12
10	47	46.5	164	4	US-09-905-125A-12
11	47	46.5	164	4	US-09-902-775A-12
12	47	46.5	164	4	US-09-906-700-12
13	47	46.5	164	4	US-09-903-603A-12
14	47	46.5	164	4	US-09-904-920A-12
15	47	46.5	164	4	US-09-909-064-12
16	47	46.5	164	4	US-09-905-381A-12
17	47	46.5	164	4	US-09-906-618-12
18	46	45.5	9	3	US-08-481-968A-24
19	46	45.5	9	3	US-08-154-712B-24
20	46	44.5	9	4	US-09-947-925A-24
21	45	44.6	162	4	US-09-270-767-41212
22	45	44.6	162	4	US-09-270-767-56428
23	45	44.6	239	5	PCT-US93-01652-1
24	45	44.6	306	4	US-09-489-039A-11260
25	45	44.6	306	4	US-08-985-526-3
26	45	44.6	627	4	US-10-246-658-4
27	45	44.6	627	4	US-10-246-658-4

28	45	44.6	685	4	US-10-246-658-2	Sequence 2, Appli
29	45	44.6 <th>1170</th> <th>1</th> <th>US-08-313-288B-20</th> <th>Sequence 20, Appli</th>	1170	1	US-08-313-288B-20	Sequence 20, Appli
30	45	44.6 <th>1170</th> <th>4</th> <th>US-09-657-472-2</th> <th>Sequence 2, Appli</th>	1170	4	US-09-657-472-2	Sequence 2, Appli
31	44.5	44.1 <th>290</th> <th>4</th> <th>US-09-543-681A-6461</th> <th>Sequence 6461, Ap</th>	290	4	US-09-543-681A-6461	Sequence 6461, Ap
32	44.5	44.1 <th>1052</th> <th>2</th> <th>US-08-852-806-2</th> <th>Sequence 2, Appli</th>	1052	2	US-08-852-806-2	Sequence 2, Appli
33	44.5	44.1 <th>1052</th> <th>3</th> <th>US-09-163-669-2</th> <th>Sequence 2, Appli</th>	1052	3	US-09-163-669-2	Sequence 2, Appli
34	43	42.6 <th>57</th> <th>4</th> <th>US-09-270-767-60104</th> <th>Sequence 60104, A</th>	57	4	US-09-270-767-60104	Sequence 60104, A
35	43	42.6 <th>90</th> <th>4</th> <th>US-09-513-999C-5586</th> <th>Sequence 5586, Ap</th>	90	4	US-09-513-999C-5586	Sequence 5586, Ap
36	43	42.6 <th>156</th> <th>4</th> <th>US-09-270-767-44651</th> <th>Sequence 44651, A</th>	156	4	US-09-270-767-44651	Sequence 44651, A
37	43	42.6 <th>376</th> <th>4</th> <th>US-09-496-005-1</th> <th>Sequence 1, Appli</th>	376	4	US-09-496-005-1	Sequence 1, Appli
38	43	42.6 <th>421</th> <th>4</th> <th>US-09-806-536A-11</th> <th>Sequence 11, Appli</th>	421	4	US-09-806-536A-11	Sequence 11, Appli
39	42.5	42.1 <th>273</th> <th>1</th> <th>US-08-152-019A-30</th> <th>Sequence 30, Appli</th>	273	1	US-08-152-019A-30	Sequence 30, Appli
40	42	41.6 <th>115</th> <th>4</th> <th>US-09-270-767-41534</th> <th>Sequence 41534, A</th>	115	4	US-09-270-767-41534	Sequence 41534, A
41	42	41.6 <th>143</th> <th>4</th> <th>US-09-270-767-35811</th> <th>Sequence 35811, A</th>	143	4	US-09-270-767-35811	Sequence 35811, A
42	42	41.6 <th>143</th> <th>4</th> <th>US-09-270-767-51028</th> <th>Sequence 51028, A</th>	143	4	US-09-270-767-51028	Sequence 51028, A
43	42	41.6 <th>201</th> <th>4</th> <th>US-09-270-767-58661</th> <th>Sequence 58661, A</th>	201	4	US-09-270-767-58661	Sequence 58661, A
44	42	41.6 <th>437</th> <th>3</th> <th>US-09-073-569-2</th> <th>Sequence 2, Appli</th>	437	3	US-09-073-569-2	Sequence 2, Appli
45	42	41.6 <th>437</th> <th>4</th> <th>US-09-830-189C-2</th> <th>Sequence 2, Appli</th>	437	4	US-09-830-189C-2	Sequence 2, Appli

ALIGNMENTS

RESULT 1
US-07-899-535A-1
; Sequence 1, Application US/07899535A
; Patent No. 5428011
; GENERAL INFORMATION:
; APPLICANT: Sheth, Anil R.
; APPLICANT: Garde, Seema
; APPLICANT: Panchal, Chandra J.
; TITLE OF INVENTION: Pharmaceutical Preparations For
; TITLE OF INVENTION: Inhibiting Tumours Associated With Prostate
; TITLE OF INVENTION: Adenocarcinoma, Stomach Cancer and Breast Cancer.
; NUMBER OF SEQUENCES: 4
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Mr. George Loud
; STREET: 2001 Jefferson Davis Highway, Suite 306
; CITY: Arlington
; STATE: Virginia
; COUNTRY: U.S.A.
; ZIP: 22202
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/899, 535A
; FILING DATE: 16-JUN-1992
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Loud, George A.
; REGISTRATION NUMBER: 25, 814
; REFERENCE/DOCKET NUMBER: S&B-A835
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 703-415-0960
; TELEFAX: 703-415-0962
; TELEX: 24 8614
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 94 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; HYPOTHEICAL: NO
; US-07-899-535A-1

Query Match 100.0%; Score 101; DB 1; Length 94;
Best Local Similarity 100.0%; Pred. No. 1,4e-06;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy	1	SEWQTDNCETCTCYET	16
Db	30	SEWQTDNCETCTCYET	45

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RESULT 2
US-09-513-999C-7807
; Sequence 7807, Application US/0951399C
; Patent No. 6783961
; GENERAL INFORMATION:
; APPLICANT: Dumas Milne Edwards, J.B.
; APPLICANT: Duclert, A.
; APPLICANT: Giordano, J.Y.
; TITLE OF INVENTION: Expressed Sequence Tags and Encoded Human Proteins
; Patent No. 6783961
; FILE REFERENCE: 59.US2.REG
; CURRENT APPLICATION NUMBER: US/09/513,999C
; CURRENT FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/122,487
; PRIOR FILING DATE: 1999-02-26
; NUMBER OF SEQ ID NOS: 36681
; SOFTWARE: Patent.pm
; SEQ ID NO 7807
; LENGTH: 114
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: SIGNAL
; LOCATION: -20...-1
; OTHER INFORMATION: score 9
; OTHER INFORMATION: seq VVIFATPVLGNA/SC
US-09-513-999C-7807

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Query Match	100.0%;	Score 101;	DB 4;	Length 114;
Best Local Similarity	100.0%;	Pred. No. 1.6e-06;		
Matches 16;	Conservative 0;	Mismatches 0;	Indels 0;	Gaps 0;

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QY      1 SEMQTDNCETCTCYET 16
          |||||
Db      50 SEMQTDNCETCTCYET 65
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RESULT 3
US-09-949-016-11112
; Sequence 11112, Application US/09949016
; Patent No. 6812339
; GENERAL INFORMATION:
; APPLICANT: VENTER, J. Craig et al.
; TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
; WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
; FILE REFERENCE: C1001307
; CURRENT APPLICATION NUMBER: US/09/949, 016
; CURRENT FILING DATE: 2000-04-14
; PRIOR APPLICATION NUMBER: 60/241, 755
; PRIOR FILING DATE: 2000-10-20
; PRIOR APPLICATION NUMBER: 60/237, 768
; PRIOR FILING DATE: 2000-10-03
; PRIOR APPLICATION NUMBER: 60/231, 498
; PRIOR FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 207012
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 11112
; LENGTH: 1045
; TYPE: PRT
; ORGANISM: Human
US-09-949-016-11112

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Query Match	51.5%	Score 52	DB 4	Length 1045
Best Local Similarity	63.6%	Pred. No. 40		
Matches	7	Conservative	1	Mismatches 3; Indels 0; Gaps 0;
QY	3	WOTDNCETCTC	13	

Db 412 WVDSTCTCTC 422

RESULT 4
 US-08-313-288B-19
 Sequence 19, Application US/06313288B
 Patent No. 5750502
 GENERAL INFORMATION:
 APPLICANT: Jessell, Thomas M. and Avihu Klar
 TITLE OF INVENTION: CLONING, EXPRESSION AND USES OF A
 TITLE OF INVENTION: NOVEL SECRETED PROTEIN, F-SPONDININ
 NUMBER OF SEQUENCES: 20
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Cooper & Dunham LLP
 STREET: 1185 Avenue of the Americas
 CITY: New York
 STATE: New York
 COUNTRY: USA
 ZIP: 10036
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patent In Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/313.288B
 FILING DATE: January 5, 1995
 CLASSIFICATION: 435
 ATTORNEY/AGENT INFORMATION:
 NAME: White, John P.
 REGISTRATION NUMBER: 28,678
 REFERENCE/POCKET NUMBER: 40028-A-PCT-US
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (212) 278-0400
 TELEFAX: (212) 391-0526
 TELEX:
 INFORMATION FOR SEQ ID NO: 19:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 1172 amino acids
 TYPE: amino acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: peptide
 US-08-313-288B-19

Query Match	51.5%;	Score 52;	DB 1;	Length 1172;
Best Local Similarity	63.6%;	Pred. No. 45;		
Matches 7;	Conservative 1;	Mismatches 3;	Indels 0;	Gaps 0;

QY	3	WQTDNCETCTC	13
		:	
Db	333	WVVDSCITCTC	343

```

RESULT 5
US-09-949-016-6333
; Sequence 6333, Application US/09949016
; Patent No. 6812339
; GENERAL INFORMATION:
; APPLICANT: VENTER, J. Craig et al.
; TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
; TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
; FILE REFERENCE: CLO01307
; CURRENT APPLICATION NUMBER: US/09/949, 016
; CURRENT FILING DATE: 2000-04-14
; PRIOR APPLICATION NUMBER: 60/241,755
; PRIOR FILING DATE: 2000-10-20
; PRIOR APPLICATION NUMBER: 60/237,768
; PRIOR FILING DATE: 2000-10-03
; PRIOR APPLICATION NUMBER: 60/231,498
; PRIOR FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 207012
; SOFTWARE: FastSeq for Windows Version 4.0

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SEQ ID NO 6333
LENGTH: 1172
TYPE: PRT
ORGANISM: Human
US-09-949-016-6333

Query Match 51.5% Score 52; DB 4; Length 1172;
Best Local Similarity 63.6%; Pred. No. 45;
Matches 7; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 3 WQDNCCTCTC 13
DB 333 WVDSCCTTCH 343

RESULT 6
US-09-724-864-44
Sequence 44, Application US/09724864
Patent No. 6380362
GENERAL INFORMATION:
APPLICANT: Watson, James D
APPLICANT: Watson, James G
TITLE OF INVENTION: polynucleotides, polypeptides expressed
FILE REFERENCE: 11000.105001
CURRENT FILING DATE: US/09/724,864
PRIOR FILING DATE: 2000-11-28
PRIOR APPLICATION NUMBER: U.S. No. 6380362 60/171,678
NUMBER OF SEQ ID NOS: 72
SOFTWARE: FASTSEQ for Windows Version 4.0
SEQ ID NO 44
LENGTH: 466
TYPE: PRT
ORGANISM: Mouse
US-09-724-864-44

Query Match 49.5% Score 50; DB 3; Length 466;
Best Local Similarity 70.0%; Pred. No. 34;
Matches 7; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 6 DNCCTCTCY 15
DB 119 DNCNCTCTCH 128

RESULT 7
US-09-949-016-6910
Sequence 6910, Application US/09949016
Patent No. 6812339
GENERAL INFORMATION:
APPLICANT: VENTER, J. Craig et al.
TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
FILE REFERENCE: CL001307
CURRENT FILING DATE: US/09/949,016
PRIOR FILING DATE: 2000-04-14
PRIOR APPLICATION NUMBER: 60/241,755
PRIOR FILING DATE: 2000-10-20
PRIOR APPLICATION NUMBER: 60/237,768
PRIOR FILING DATE: 2000-10-03
PRIOR APPLICATION NUMBER: 60/231,498
PRIOR FILING DATE: 2000-09-08
NUMBER OF SEQ ID NOS: 207012
SOFTWARE: FASTSEQ for Windows Version 4.0
SEQ ID NO 6910
LENGTH: 1036
TYPE: PRT
ORGANISM: Human
US-09-949-016-6910

Query Match 48.5% Score 49; DB 4; Length 1036;
Best Local Similarity 50.0%; Pred. No. 1e+02;

Matches 6; Conservative 2; Mismatches 4; Indels 0; Gaps 0;
QY 3 WQDNCCTCTCY 14
DB 693 WNDSCCTQCTCH 704

RESULT 8
US-09-949-016-11522
Sequence 11522, Application US/09949016
Patent No. 6812339
GENERAL INFORMATION:
APPLICANT: VENTER, J. Craig et al.
TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
FILE REFERENCE: CL001307
CURRENT FILING DATE: US/09/949,016
CURRENT FILING DATE: 2000-04-14
PRIOR APPLICATION NUMBER: 60/241,755
PRIOR FILING DATE: 2000-10-20
PRIOR APPLICATION NUMBER: 60/237,768
PRIOR FILING DATE: 2000-10-03
PRIOR APPLICATION NUMBER: 60/231,498
PRIOR FILING DATE: 2000-09-08
NUMBER OF SEQ ID NOS: 207012
SOFTWARE: FASTSEQ for Windows Version 4.0
SEQ ID NO 11522
LENGTH: 1049
TYPE: PRT
ORGANISM: Human
US-09-949-016-11522

Query Match 48.5% Score 49; DB 4; Length 1049;
Best Local Similarity 50.0%; Pred. No. 1e+02;
Matches 6; Conservative 2; Mismatches 4; Indels 0; Gaps 0;

QY 3 WQDNCCTCTCY 14
DB 706 WNDSCCTQCTCH 717

RESULT 9
US-09-907-794A-12
Sequence 12, Application US/09907794A
Patent No. 6635468
GENERAL INFORMATION:
APPLICANT: Genentech, Inc.
APPLICANT: Ashkenazi, Avi
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary B.
APPLICANT: Goddard, A.
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth, J.
APPLICANT: Kijavrin, Ivar J.
APPLICANT: Malher, Jennie P.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
Acids Encoding the Same

```
FILE REFERENCE: 10466-14
CURRENT APPLICATION NUMBER: US/09/907,794A
CURRENT FILING DATE: 2001-07-17
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR FILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR FILING DATE: 1999-07-28
PRIOR APPLICATION NUMBER: PCT/US99/20594
PRIOR FILING DATE: 1999-09-08
PRIOR APPLICATION NUMBER: PCT/US99/20944
PRIOR FILING DATE: 1999-09-13
PRIOR APPLICATION NUMBER: PCT/US99/21090
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/21547
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/23089
PRIOR FILING DATE: 1999-10-05
PRIOR APPLICATION NUMBER: PCT/US99/28214
PRIOR FILING DATE: 1999-11-29
PRIOR APPLICATION NUMBER: PCT/US99/28313
PRIOR FILING DATE: 1999-11-30
PRIOR APPLICATION NUMBER: PCT/US99/28564
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/28565
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/30095
PRIOR FILING DATE: 1999-12-16
PRIOR APPLICATION NUMBER: PCT/US99/30911
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US99/30999
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US00/00219
PRIOR FILING DATE: 2000-01-05
NUMBER OF SEQ ID NOS: 423
SEQ ID NO 12
LENGTH: 164
TYPE: PRT
ORGANISM: Homo sapiens
US-09-907-794A-12

Query Match          46.5%; Score 47; DB 4; Length 164;
Best Local Similarity 70.0%; Pred. No. 32;
Matches 7; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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Qy      6 DNCETCTCYE 15
Db      120 DNCNRCTCQE 129
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RESULT 10
US-09-905-125A-12
Sequence 12, Application US/09905125A
Patent No. 6664376
GENERAL INFORMATION:
APPLICANT: Genentech, Inc.
APPLICANT: Ashtkenazi, Avi
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Baton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Shetman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gottlieb, Mary E.
APPLICANT: Goddard, A.
APPLICANT: Grimaldi, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT:
```

```
APPLICANT: Hillan, Kenneth, J.
APPLICANT: Kijavlin, Ivar J.
APPLICANT: Matchef, Jennie P.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: 10466-14
CURRENT APPLICATION NUMBER: US/09/905,125A
CURRENT FILING DATE: 2001-07-12
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR FILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR FILING DATE: 1999-07-28
PRIOR APPLICATION NUMBER: PCT/US99/20594
PRIOR FILING DATE: 1999-09-08
PRIOR APPLICATION NUMBER: PCT/US99/20944
PRIOR FILING DATE: 1999-09-13
PRIOR APPLICATION NUMBER: PCT/US99/21090
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/21547
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/23089
PRIOR FILING DATE: 1999-10-05
PRIOR APPLICATION NUMBER: PCT/US99/28214
PRIOR FILING DATE: 1999-11-29
PRIOR APPLICATION NUMBER: PCT/US99/28313
PRIOR FILING DATE: 1999-11-30
PRIOR APPLICATION NUMBER: PCT/US99/28564
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/28565
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/30095
PRIOR FILING DATE: 1999-12-16
PRIOR APPLICATION NUMBER: PCT/US99/30911
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US99/30999
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US00/00219
PRIOR FILING DATE: 2000-01-05
NUMBER OF SEQ ID NOS: 423
SEQ ID NO 12
LENGTH: 164
TYPE: PRT
ORGANISM: Homo sapiens
US-09-905-125A-12

Query Match          46.5%; Score 47; DB 4; Length 164;
Best Local Similarity 70.0%; Pred. No. 32;
Matches 7; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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Qy      6 DNCETCTCYE 15
Db      120 DNCNRCTCQE 129
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RESULT 11
US-09-902-775A-12
Sequence 12, Application US/09902775A
Patent No. 6686451
GENERAL INFORMATION:
APPLICANT: Genentech, Inc.
APPLICANT: Ashtkenazi, Avi
APPLICANT: Botstein, David
```

APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, A.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth, J.
APPLICANT: Kijavlin, Ivar J.
APPLICANT: Mather, Jennie P.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: 10466-14
CURRENT APPLICATION NUMBER: US/09/902,775A
CURRENT FILING DATE: 2001-07-10
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR FILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR FILING DATE: 1999-07-28
PRIOR APPLICATION NUMBER: PCT/US99/20594
PRIOR FILING DATE: 1999-09-08
PRIOR APPLICATION NUMBER: PCT/US99/20944
PRIOR FILING DATE: 1999-09-13
PRIOR APPLICATION NUMBER: PCT/US99/21090
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/21547
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/23089
PRIOR FILING DATE: 1999-10-05
PRIOR APPLICATION NUMBER: PCT/US99/28214
PRIOR FILING DATE: 1999-11-29
PRIOR APPLICATION NUMBER: PCT/US99/28313
PRIOR FILING DATE: 1999-11-30
PRIOR APPLICATION NUMBER: PCT/US99/28564
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/28565
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/30095
PRIOR FILING DATE: 1999-12-16
PRIOR APPLICATION NUMBER: PCT/US99/30911
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US99/30999
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US00/00219
PRIOR FILING DATE: 2000-01-05
NUMBER OF SEQ ID NOS: 423
SEQ ID NO 12
LENGTH: 164
TYPE: PRT
ORGANISM: Homo sapiens
US-09-902-775A-12
Query Match 46.5%; Score 47; DB 4; Length 164;
Best Local Similarity 70.0%; Pred. No. 32;
Matches 7; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Db 120 DNCRCCTCYE 129
RESULT 12
US-09-906-700-12
Sequence 12, Application US/09906700
Patent No. 6723535
GENERAL INFORMATION:
APPLICANT: Genentech, Inc.
APPLICANT: Ashkenazi, Avi
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, A.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth, J.
APPLICANT: Kijavlin, Ivar J.
APPLICANT: Mather, Jennie P.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: 10466-14
CURRENT APPLICATION NUMBER: US/09/906,700
CURRENT FILING DATE: 2000-09-18
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR FILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR FILING DATE: 1999-07-28
PRIOR APPLICATION NUMBER: PCT/US99/20594
PRIOR FILING DATE: 1999-09-08
PRIOR APPLICATION NUMBER: PCT/US99/20944
PRIOR FILING DATE: 1999-09-13
PRIOR APPLICATION NUMBER: PCT/US99/21090
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/21547
PRIOR FILING DATE: 1999-09-15
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PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/30095
PRIOR FILING DATE: 1999-12-16
PRIOR APPLICATION NUMBER: PCT/US99/30911
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US99/30999
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US00/00219
PRIOR FILING DATE: 2000-01-05

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; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 12
; LENGTH: 164
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-906-700-12

Query Match      46.5%; Score 47; DB 4; Length 164;
Best Local Similarity 70.0%; Pred. No. 32;
Matches 7; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy      6 DNCERTCTCYE 15
Db      120 DNCNRCCTCQE 129

RESULT 13
US-09-903-603A-12
; Sequence 12, Application US/09903603A
; Patent No. 6767995
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Macher, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: GNE 1618P2C12
; CURRENT APPLICATION NUMBER: US/09/903,603A
; CURRENT FILING DATE: 2001-07-11
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145,698
; PRIOR FILING DATE: 1999-07-26
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; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594
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; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/23089
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; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: 1999-11-30
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; PRIOR APPLICATION NUMBER: PCT/US99/28564
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; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/US99/30911
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; PRIOR APPLICATION NUMBER: PCT/US99/30999
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
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; NUMBER OF SEQ ID NOS: 423
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US-09-903-603A-12

Query Match      46.5%; Score 47; DB 4; Length 164;
Best Local Similarity 70.0%; Pred. No. 32;
Matches 7; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

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Db      120 DNCNRCCTCQE 129

RESULT 14
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; Sequence 12, Application US/09904920A
; Patent No. 6806352
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Macher, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: 10466-14
; CURRENT APPLICATION NUMBER: US/09/904,920A
; CURRENT FILING DATE: 2001-07-13
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145,698
; PRIOR FILING DATE: 1999-07-26
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; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
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; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-904-920A-12
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Query Match          46.5%; Score 47; DB 4; Length 164;
Best Local Similarity 70.0%; Pred. No. 32;
Matches 7; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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Db 120 DNCNRCCTCQE 129
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RESULT 15
US-09-909-064-12
; Sequence 12, Application US/09909064
; Patent No. 6818449
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Deshoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerltzen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Grimaldi, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: 10466-14
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; CURRENT APPLICATION NUMBER: US/09/909, 064
; CURRENT FILING DATE: 2001-07-18
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/143, 048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145, 698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: US 60/146, 222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594
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; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
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; ORGANISM: Homo sapiens
US-09-909-064-12
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Query Match          46.5%; Score 47; DB 4; Length 164;
Best Local Similarity 70.0%; Pred. No. 32;
Matches 7; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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Qy 6 DNCERTCTCYE 15
Db 120 DNCNRCCTCQE 129
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Job time : 9.20364 secs
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GenCore version 5.1.6
Copyright (c) 1993 - 2005 Compugen Ltd.

OW protein - protein search, using SW model

Run on: July 27, 2005, 19:20:53 / Search time 30.1964 Seconds
(without alignments)
206.113 Million cell updates/sec

Title: US-09-977-406A-59
Perfect score: 101
Sequence: 1 SEMQDNCETCTCYET 16

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Searched: 1741741 seqs, 388992284 residues

Total number of hits satisfying chosen parameters: 1741741

Minimum DB seq length: 0
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Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Published Applications_AA:*

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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2	101	100.0	16	US-10-948-229-58	Sequence 58, Appl
3	101	100.0	16	US-11-004-270-58	Sequence 58, Appl
4	101	100.0	16	US-11-004-273-58	Sequence 58, Appl
5	101	100.0	17	US-09-977-406A-60	Sequence 60, Appl
6	101	100.0	17	US-10-948-229-59	Sequence 59, Appl
7	101	100.0	17	US-11-004-270-59	Sequence 59, Appl
8	101	100.0	17	US-11-004-273-59	Sequence 59, Appl
9	101	100.0	18	US-09-977-406A-61	Sequence 61, Appl
10	101	100.0	18	US-10-948-229-60	Sequence 60, Appl
11	101	100.0	18	US-11-004-270-60	Sequence 60, Appl

12	101	100.0	18	US-11-004-273-60	Sequence 60, Appl
13	101	100.0	19	US-09-977-406A-62	Sequence 62, Appl
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16	101	100.0	19	US-11-004-273-61	Sequence 61, Appl
17	101	100.0	20	US-09-977-406A-63	Sequence 63, Appl
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19	101	100.0	20	US-11-004-270-62	Sequence 62, Appl
20	101	100.0	20	US-11-004-273-62	Sequence 62, Appl
21	101	100.0	21	US-09-977-406A-64	Sequence 64, Appl
22	101	100.0	21	US-10-948-229-63	Sequence 63, Appl
23	101	100.0	21	US-11-004-270-63	Sequence 63, Appl
24	101	100.0	21	US-11-004-273-63	Sequence 63, Appl
25	101	100.0	22	US-09-977-406A-65	Sequence 65, Appl
26	101	100.0	22	US-10-948-229-64	Sequence 64, Appl
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29	101	100.0	23	US-09-977-406A-66	Sequence 66, Appl
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31	101	100.0	23	US-11-004-270-65	Sequence 65, Appl
32	101	100.0	23	US-11-004-273-65	Sequence 65, Appl
33	101	100.0	24	US-09-977-406A-67	Sequence 67, Appl
34	101	100.0	24	US-10-948-229-66	Sequence 66, Appl
35	101	100.0	24	US-11-004-270-66	Sequence 66, Appl
36	101	100.0	24	US-11-004-273-66	Sequence 66, Appl
37	101	100.0	25	US-09-977-406A-68	Sequence 68, Appl
38	101	100.0	25	US-10-948-229-67	Sequence 67, Appl
39	101	100.0	25	US-11-004-270-67	Sequence 67, Appl
40	101	100.0	25	US-11-004-273-67	Sequence 67, Appl
41	101	100.0	26	US-09-977-406A-69	Sequence 69, Appl
42	101	100.0	26	US-10-948-229-68	Sequence 68, Appl
43	101	100.0	26	US-11-004-270-68	Sequence 68, Appl
44	101	100.0	26	US-11-004-273-68	Sequence 68, Appl
45	101	100.0	27	US-09-977-406A-70	Sequence 70, Appl

ALIGNMENTS

RESULT 1
US-09-977-406A-59
Sequence 59, Application US/09977406A
Publication No. US20030170220A1
GENERAL INFORMATION:
APPLICANT: PROCON BIOPHARMA INC.
TITLE OF INVENTION: PHARMACEUTICAL PREPARATIONS AND METHODS FOR INHIBITING TUMORS
FILE REFERENCE: 06508-030-US-03
CURRENT FILING DATE: 2001-10-15
PRIOR APPLICATION NUMBER: CA 2,321,256
PRIOR FILING DATE: 2000-10-16
PRIOR APPLICATION NUMBER: CA 2,355,334
NUMBER OF SEQ ID NOS: 92
SOFTWARE: PatentIn version 3.1
SEQ ID NO 59
LENGTH: 16
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Polypeptide derived from rHUPSP94 sequence (polypeptide analog)
US-09-977-406A-59

Query Match 100.0%; Score 101; DB 10; Length 16;
Best Local Similarity 100.0%; Pred. No. 1; Gaps 0;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 SEMQDNCETCTCYET 16
DB 1 SEMQDNCETCTCYET 16
RESULT 2

US-10-948-229-58
; Sequence 58, Application US/10948229
; Publication No. US20050096273A1
; GENERAL INFORMATION:
; APPLICANT: Panchal, Chandra J
; APPLICANT: Daigneault, Luc
; APPLICANT: Hawkins, Robert
; APPLICANT: Ruiz, Marcia
; APPLICANT: Garde, Seema
; TITLE OF INVENTION: REGULATION OF MATRIX METALLOPROTEINASES BY PSP94 FAMILY MEMBERS
; FILE REFERENCE: BKP-022
; CURRENT APPLICATION NUMBER: US/10/948,229
; PRIOR FILING DATE: 2004-09-24
; PRIOR APPLICATION NUMBER: CA 2,441,695
; PRIOR FILING DATE: 2003-09-26
; NUMBER OF SEQ ID NOS: 91
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 58
; LENGTH: 16
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PSP94 family member
US-10-948-229-58

Query Match 100.0%; Score 101; DB 17; Length 16;
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Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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RESULT 3
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; Sequence 58, Application US/11004270
; Publication No. US20050147601A1
; GENERAL INFORMATION:
; APPLICANT: Panchal, Chandra J.
; APPLICANT: Wu, Jinzi
; APPLICANT: Bellevue, Richard
; APPLICANT: Ruiz, Marcia
; APPLICANT: Garde, Seema
; APPLICANT: Annabi, Borhane
; APPLICANT: Lamy, Sylvie
; APPLICANT: Bouzeghrane, Mounia
; APPLICANT: Daigneault, Luc
; APPLICANT: Hawkins, Robert
; TITLE OF INVENTION: REGULATION OF CELL MIGRATION AND ADHESION
; FILE REFERENCE: BKP-020
; CURRENT APPLICATION NUMBER: US/11/004,270
; PRIOR FILING DATE: 2004-12-02
; PRIOR APPLICATION NUMBER: US 10/948,229
; PRIOR FILING DATE: 2004-09-24
; PRIOR APPLICATION NUMBER: CA 2,441,695
; PRIOR FILING DATE: 2003-09-26
; NUMBER OF SEQ ID NOS: 99
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 58
; LENGTH: 16
; TYPE: PRT
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: PCK3145 derivative
US-11-004-270-58

Query Match 100.0%; Score 101; DB 20; Length 16;
Best Local Similarity 100.0%; Pred. No. 1.6e-06;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Oy 1 SEMOTDNCETCTCYET 16
|||||

Db 1 SEMOTDNCETCTCYET 16

RESULT 4
US-11-004-273-58
; Sequence 58, Application US/11004273
; Publication No. US20050148514A1
; GENERAL INFORMATION:
; APPLICANT: Panchal, Chandra J.
; APPLICANT: Wu, Jinzi
; APPLICANT: Bellevue, Richard
; APPLICANT: Ruiz, Marcia
; APPLICANT: Garde, Seema
; APPLICANT: Annabi, Borhane
; APPLICANT: Lamy, Sylvie
; APPLICANT: Bouzeghrane, Mounia
; APPLICANT: Daigneault, Luc
; APPLICANT: Hawkins, Robert
; TITLE OF INVENTION: METHOD AND COMPOSITION FOR TREATMENT OF ANGIOGENESIS
; FILE REFERENCE: BKP-021
; CURRENT APPLICATION NUMBER: US/11/004,273
; PRIOR FILING DATE: 2004-12-02
; PRIOR APPLICATION NUMBER: US 10/948,229
; PRIOR FILING DATE: 2004-09-24
; PRIOR APPLICATION NUMBER: CA 2,441,695
; PRIOR FILING DATE: 2003-09-26
; NUMBER OF SEQ ID NOS: 99
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 58
; LENGTH: 16
; TYPE: PRT
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: PCK3145 derivative
US-11-004-273-58

Query Match 100.0%; Score 101; DB 20; Length 16;
Best Local Similarity 100.0%; Pred. No. 1.6e-06;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Oy 1 SEMOTDNCETCTCYET 16
Db 1 SEMOTDNCETCTCYET 16

RESULT 5
US-09-977-406a-60
; Sequence 60, Application US/09977406A
; Publication No. US20030170220A1
; GENERAL INFORMATION:
; APPLICANT: PROCYON BIOPHARMA INC.
; TITLE OF INVENTION: PHARMACEUTICAL PREPARATIONS AND METHODS FOR INHIBITING TUMORS
; FILE REFERENCE: 06508-030-US-03
; CURRENT APPLICATION NUMBER: US/09/977,406A
; CURRENT FILING DATE: 2001-10-15
; PRIOR APPLICATION NUMBER: CA 2,321,256
; PRIOR FILING DATE: 2000-10-16
; PRIOR APPLICATION NUMBER: CA 2,355,334
; PRIOR FILING DATE: 2001-08-20
; NUMBER OF SEQ ID NOS: 92
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 60
; LENGTH: 17
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Polypeptide derived from rhPSP94 sequence (polypeptide analog)
US-09-977-406a-60

Query Match 100.0%; Score 101; DB 10; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.7e-06;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 SEMQDNCETCTCYET 16
|||
Db 2 SEMQDNCETCTCYET 17

RESULT 6
US-10-948-229-59

; Sequence 59, Application US/10948229
; Publication No. US20050096273A1
; GENERAL INFORMATION:
; APPLICANT: Panchal, Chandra J
; APPLICANT: Daigneault, Luc
; APPLICANT: Hawkins, Robert
; APPLICANT: Ruiz, Marcia
; APPLICANT: Garde, Seema
; TITLE OF INVENTION: REGULATION OF MATRIX METALLOPROTEINASES BY PSP94 FAMILY MEMBERS
; FILE REFERENCE: BKP-022
; CURRENT APPLICATION NUMBER: US/10/948,229
; PRIOR FILING DATE: 2004-09-24
; PRIOR APPLICATION NUMBER: CA 2,441,695
; PRIOR FILING DATE: 2003-09-26
; NUMBER OF SEQ ID NOS: 91
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 59
; LENGTH: 17
; TYPE: PRT
; ORGANISM: Artificial Sequence
; OTHER INFORMATION: PSP94 family member
US-10-948-229-59

Query Match 100.0%; Score 101; DB 17; Length 17;
Best Local Similarity 100.0%; Pred. No. 1,7e-06;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 SEMQDNCETCTCYET 16
|||
Db 2 SEMQDNCETCTCYET 17

RESULT 7
US-11-004-270-59

; Sequence 59, Application US/11004270
; Publication No. US20050147601A1
; GENERAL INFORMATION:
; APPLICANT: Panchal, Chandra J.
; APPLICANT: Wu, Jinzi
; APPLICANT: Bellevue, Richard
; APPLICANT: Ruiz, Marcia
; APPLICANT: Garde, Seema
; APPLICANT: Annabi, Borhane
; APPLICANT: Lamy, Sylvie
; APPLICANT: Bouzeghrane, Mounia
; APPLICANT: Daigneault, Luc
; APPLICANT: Hawkins, Robert
; TITLE OF INVENTION: REGULATION OF CELL MIGRATION AND ADHESION
; FILE REFERENCE: BKP-020
; CURRENT APPLICATION NUMBER: US/11/004,270
; PRIOR FILING DATE: 2004-12-02
; PRIOR APPLICATION NUMBER: US 10/948,229
; PRIOR FILING DATE: 2004-09-24
; PRIOR APPLICATION NUMBER: CA 2,441,695
; PRIOR FILING DATE: 2003-09-26
; NUMBER OF SEQ ID NOS: 99
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 59
; LENGTH: 17
; TYPE: PRT
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: PCK3145 derivative
US-11-004-270-59

Query Match 100.0%; Score 101; DB 20; Length 17;
Best Local Similarity 100.0%; Pred. No. 1,7e-06;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 SEMQDNCETCTCYET 16
|||
Db 2 SEMQDNCETCTCYET 17

RESULT 8
US-11-004-273-59

; Sequence 59, Application US/11004273
; Publication No. US20050148514A1
; GENERAL INFORMATION:
; APPLICANT: Panchal, Chandra J.
; APPLICANT: Wu, Jinzi
; APPLICANT: Bellevue, Richard
; APPLICANT: Ruiz, Marcia
; APPLICANT: Garde, Seema
; APPLICANT: Annabi, Borhane
; APPLICANT: Lamy, Sylvie
; APPLICANT: Bouzeghrane, Mounia
; APPLICANT: Daigneault, Luc
; APPLICANT: Hawkins, Robert
; TITLE OF INVENTION: METHOD AND COMPOSITION FOR TREATMENT OF ANGIOGENESIS
; FILE REFERENCE: BKP-021
; CURRENT APPLICATION NUMBER: US/11/004,273
; PRIOR FILING DATE: 2004-12-02
; PRIOR APPLICATION NUMBER: US 10/948,229
; PRIOR FILING DATE: 2004-09-24
; PRIOR APPLICATION NUMBER: CA 2,441,695
; PRIOR FILING DATE: 2003-09-26
; NUMBER OF SEQ ID NOS: 99
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 59
; LENGTH: 17
; TYPE: PRT
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: PCK3145 derivative
US-11-004-273-59

Query Match 100.0%; Score 101; DB 20; Length 17;
Best Local Similarity 100.0%; Pred. No. 1,7e-06;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 SEMQDNCETCTCYET 16
|||
Db 2 SEMQDNCETCTCYET 17

RESULT 9
US-09-977-406a-61

; Sequence 61, Application US/09977406A
; Publication No. US2003017020A1
; GENERAL INFORMATION:
; APPLICANT: PROCYON BIOPHARMA INC.
; TITLE OF INVENTION: PHARMACEUTICAL PREPARATIONS AND METHODS FOR INHIBITING TUMORS
; FILE REFERENCE: 06508-030-US-03
; CURRENT APPLICATION NUMBER: US/09/977,406A
; PRIOR FILING DATE: 2001-10-15
; PRIOR APPLICATION NUMBER: CA 2,321,256
; PRIOR FILING DATE: 2000-10-16
; PRIOR APPLICATION NUMBER: CA 2,355,334
; PRIOR FILING DATE: 2001-08-20
; NUMBER OF SEQ ID NOS: 92
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 61
; LENGTH: 18
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Polypeptide derived from rHbPSP94 sequence (polypeptide analog)
US-11-004-270-59

US-09-977-406A-61

Query Match 100.0%; Score 101; DB 10; Length 18;
Best Local Similarity 100.0%; Pred. No. 1,8e-06;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 SEMQDNCCTCYET 16
| | | | | | | | | | | | | | | | | |
DB 3 SEMQDNCCTCYET 18

RESULT 10

US-10-948-229-60
; Sequence 60, Application US/10948229
; Publication No. US20050096273A1
; GENERAL INFORMATION:
; APPLICANT: Panchal, Chandra J
; APPLICANT: Daigneault, Luc
; APPLICANT: Hawkins, Robert
; APPLICANT: Ruiz, Marcia
; APPLICANT: Garde, Seema
; TITLE OF INVENTION: REGULATION OF MATRIX METALLOPROTEINASES BY PSP94 FAMILY MEMBERS
; FILE REFERENCE: BKP-022
; CURRENT APPLICATION NUMBER: US/10/948,229
; CURRENT FILING DATE: 2004-09-24
; PRIOR APPLICATION NUMBER: CA 2,441,695
; PRIOR FILING DATE: 2003-09-26
; NUMBER OF SEQ ID NOS: 91
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 60
; LENGTH: 18
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PSP94 family member
US-10-948-229-60

Query Match 100.0%; Score 101; DB 17; Length 18;
Best Local Similarity 100.0%; Pred. No. 1,8e-06;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 SEMQDNCCTCYET 16
| | | | | | | | | | | | | | | | | |
DB 3 SEMQDNCCTCYET 18

RESULT 11

US-11-004-270-60
; Sequence 60, Application US/11004270
; Publication No. US20050147601A1
; GENERAL INFORMATION:
; APPLICANT: Panchal, Chandra J.
; APPLICANT: Wu, Jinzi
; APPLICANT: Beliveau, Richard
; APPLICANT: Ruiz, Marcia
; APPLICANT: Garde, Seema
; APPLICANT: Annabi, Borhane
; APPLICANT: Lamy, Sylvie
; APPLICANT: Bouzeghrane, Mounia
; APPLICANT: Daigneault, Luc
; APPLICANT: Hawkins, Robert
; TITLE OF INVENTION: REGULATION OF CELL MIGRATION AND ADHESION
; FILE REFERENCE: BKP-020
; CURRENT APPLICATION NUMBER: US/11/004,270
; CURRENT FILING DATE: 2004-12-02
; PRIOR APPLICATION NUMBER: US 10/948,229
; PRIOR FILING DATE: 2004-09-24
; PRIOR APPLICATION NUMBER: CA 2,441,695
; PRIOR FILING DATE: 2003-09-26
; NUMBER OF SEQ ID NOS: 99
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 60
; LENGTH: 18

; TYPE: PRT
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: PCK3145 derivative
US-11-004-270-60

Query Match 100.0%; Score 101; DB 20; Length 18;
Best Local Similarity 100.0%; Pred. No. 1,8e-06;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 SEMQDNCCTCYET 16
| | | | | | | | | | | | | | | | | |
DB 3 SEMQDNCCTCYET 18

RESULT 12

US-11-004-273-60
; Sequence 60, Application US/11004273
; Publication No. US20050148514A1
; GENERAL INFORMATION:
; APPLICANT: Panchal, Chandra J.
; APPLICANT: Wu, Jinzi
; APPLICANT: Beliveau, Richard
; APPLICANT: Ruiz, Marcia
; APPLICANT: Garde, Seema
; APPLICANT: Annabi, Borhane
; APPLICANT: Lamy, Sylvie
; APPLICANT: Bouzeghrane, Mounia
; APPLICANT: Daigneault, Luc
; APPLICANT: Hawkins, Robert
; TITLE OF INVENTION: METHOD AND COMPOSITION FOR TREATMENT OF ANGIOGENESIS
; FILE REFERENCE: BKP-021
; CURRENT APPLICATION NUMBER: US/11/004,273
; CURRENT FILING DATE: 2004-12-02
; PRIOR APPLICATION NUMBER: US 10/948,229
; PRIOR FILING DATE: 2004-09-24
; PRIOR APPLICATION NUMBER: CA 2,441,695
; PRIOR FILING DATE: 2003-09-26
; NUMBER OF SEQ ID NOS: 99
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 60
; LENGTH: 18
; TYPE: PRT
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: PCK3145 derivative
US-11-004-273-60

Query Match 100.0%; Score 101; DB 20; Length 18;
Best Local Similarity 100.0%; Pred. No. 1,8e-06;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 SEMQDNCCTCYET 16
| | | | | | | | | | | | | | | | | |
DB 3 SEMQDNCCTCYET 18

RESULT 13

US-09-977-406A-62
; Sequence 62, Application US/09977406A
; Publication No. US20030170220A1
; GENERAL INFORMATION:
; APPLICANT: PROCYON BIOPHARMA INC.
; TITLE OF INVENTION: PHARMACEUTICAL PREPARATIONS AND METHODS FOR INHIBITING TUMORS
; FILE REFERENCE: 06508-030-US-03
; CURRENT APPLICATION NUMBER: US/09/977,406A
; CURRENT FILING DATE: 2001-10-15
; PRIOR APPLICATION NUMBER: CA 2,321,256
; PRIOR FILING DATE: 2000-10-16
; PRIOR APPLICATION NUMBER: CA 2,355,334
; PRIOR FILING DATE: 2001-08-20
; NUMBER OF SEQ ID NOS: 92
; SOFTWARE: PatentIn version 3.1

; SEQ ID NO 62
; LENGTH: 19
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE: Artificial Sequence
; OTHER INFORMATION: Polypeptide derived from rHUSP94 sequence (polypeptide analog)
US-09-977-406A-62

Query Match 100.0%; Score 101; DB 10; Length 19;
Best Local Similarity 100.0%; Pred. No. 1.9e-06;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 SEMOTDNCETCTCYET 16
|||
Db 4 SEMOTDNCETCTCYET 19

RESULT 14
US-10-948-229-61
; Sequence 61, Application US/10948229
; Publication No. US20050096273A1
; GENERAL INFORMATION:
; APPLICANT: Panchal, Chandra J
; APPLICANT: Daigneault, Luc
; APPLICANT: Hawkins, Robert
; APPLICANT: Ruiz, Marcia
; APPLICANT: Garde, Seema
; TITLE OF INVENTION: REGULATION OF MATRIX METALLOPROTEINASES BY PSP94 FAMILY MEMBERS
; FILE REFERENCE: BKP-022
; CURRENT APPLICATION NUMBER: US/10/948,229
; CURRENT FILING DATE: 2004-09-24
; PRIOR APPLICATION NUMBER: CA 2,441,695
; PRIOR FILING DATE: 2003-09-26
; NUMBER OF SEQ ID NOS: 91
; SOFTWARE: Patentin version 3.3
; SEQ ID NO 61
; LENGTH: 19
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PSP94 family member
US-10-948-229-61

Query Match 100.0%; Score 101; DB 17; Length 19;
Best Local Similarity 100.0%; Pred. No. 1.9e-06;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 SEMOTDNCETCTCYET 16
|||
Db 4 SEMOTDNCETCTCYET 19

RESULT 15
US-11-004-270-61
; Sequence 61, Application US/11004270
; Publication No. US20050147601A1
; GENERAL INFORMATION:
; APPLICANT: Panchal, Chandra J.
; APPLICANT: Wu, Jinzi
; APPLICANT: Belliveau, Richard
; APPLICANT: Ruiz, Marcia
; APPLICANT: Garde, Seema
; APPLICANT: Annabi, Borhane
; APPLICANT: Lamy, Sylvie
; APPLICANT: Bouzeghrane, Mounia
; APPLICANT: Daigneault, Luc
; APPLICANT: Hawkins, Robert
; TITLE OF INVENTION: REGULATION OF CELL MIGRATION AND ADHESION
; FILE REFERENCE: BKP-020
; CURRENT APPLICATION NUMBER: US/11/004,270
; CURRENT FILING DATE: 2004-12-02
; PRIOR APPLICATION NUMBER: US 10/948,229
; PRIOR FILING DATE: 2004-09-24

; PRIOR APPLICATION NUMBER: CA 2,441,695
; PRIOR FILING DATE: 2003-09-26
; NUMBER OF SEQ ID NOS: 99
; SOFTWARE: Patentin version 3.3
; SEQ ID NO 61
; LENGTH: 19
; TYPE: PRT
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: PCK3145 derivative
US-11-004-270-61

Query Match 100.0%; Score 101; DB 20; Length 19;
Best Local Similarity 100.0%; Pred. No. 1.9e-06;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 SEMOTDNCETCTCYET 16
|||
Db 4 SEMOTDNCETCTCYET 19

Search completed: July 27, 2005, 20:06:05
Job time : 31.1964 secs

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OM protein - protein search, using sw model

Run on: July 27, 2005, 19:08:08 ; Search time 23.0727 Seconds
(without alignments)
145.592 Million cell updates/sec

Title: US-09-977-406A-88

Perfect score: 268
Sequence: 1 SCYFIPNKGVPDSTRKCMD.....HPINSEWQDNCETCTCYET 45

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 513545 seqs, 74649064 residues

Total number of hits satisfying chosen parameters: 513545

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%
Listing first 45 summaries

Database :

Issued Patents AA:*

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- 2: /cgn2_6/ptodata/1/1aa/5B_COMB.pep:*
- 3: /cgn2_6/ptodata/1/1aa/6A_COMB.pep:*
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- 5: /cgn2_6/ptodata/1/1aa/PTCUTS_COMB.pep:*
- 6: /cgn2_6/ptodata/1/1aa/backfile1.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	268	100.0	94	1 US-07-899-535A-1	Sequence 1, Appli
2	268	100.0	114	4 US-09-513-999C-7807	Sequence 7807, Ap
3	96	35.8	17	1 US-07-899-535A-3	Sequence 3, Appli
4	79	29.5	176	1 US-08-726-525-2	Sequence 2, Appli
5	79	29.5	176	2 US-08-487-942-2	Sequence 2, Appli
6	79	29.5	176	2 US-08-726-036A-2	Sequence 2, Appli
7	79	29.5	176	3 US-09-083-516-2	Sequence 2, Appli
8	67	25.0	1276	3 US-08-937-236-3	Sequence 3, Appli
9	67	25.0	1277	3 US-08-937-236-6	Sequence 3, Appli
10	67	25.0	1291	3 US-08-569-214-3	Sequence 3, Appli
11	67	25.0	1291	3 US-08-937-236-2	Sequence 3, Appli
12	67	25.0	1292	3 US-08-569-214-5	Sequence 5, Appli
13	67	25.0	1292	3 US-08-569-214-6	Sequence 6, Appli
14	67	25.0	1292	3 US-08-937-236-5	Sequence 5, Appli
15	67	25.0	1295	3 US-08-569-214-2	Sequence 2, Appli
16	67	25.0	2476	2 US-08-276-967-2	Sequence 2, Appli
17	66	24.6	2050	2 US-08-347-594A-2	Sequence 2, Appli
18	66	24.6	2813	4 US-09-381-261A-1	Sequence 1, Appli
19	63	23.5	1010	4 US-08-882-046-7	Sequence 7, Appli
20	63	23.5	1010	4 US-09-566-047-7	Sequence 7, Appli
21	63	23.5	1036	4 US-09-068-740A-6	Sequence 6, Appli
22	63	23.5	1067	4 US-09-579-536C-18	Sequence 18, Appli
23	63	23.5	1187	3 US-09-068-740A-7	Sequence 7, Appli
24	63	23.5	1208	4 US-09-199-865-1	Sequence 1, Appli
25	63	23.5	1208	4 US-10-213-329-1	Sequence 1, Appli
26	63	23.5	1218	2 US-08-400-159-6	Sequence 6, Appli
27	63	23.5	1218	3 US-08-611-729A-6	Sequence 6, Appli

28	63	23.5	1218	3 US-08-882-046-2	Sequence 2, Appli
29	63	23.5	1218	3 US-09-214-278-7	Sequence 7, Appli
30	63	23.5	1218	3 US-09-068-740A-11	Sequence 11, Appli
31	63	23.5	1218	4 US-09-855-722-7	Sequence 7, Appli
32	63	23.5	1218	4 US-09-566-047-2	Sequence 2, Appli
33	63	23.5	1218	4 US-09-917-254-85	Sequence 85, Appli
34	63	23.5	1218	4 US-09-195-524-6	Sequence 1, Appli
35	63	23.5	1218	4 US-09-579-536C-1	Sequence 1, Appli
36	63	23.5	1218	4 US-09-949-016-5902	Sequence 5902, Ap
37	63	23.5	1254	4 US-09-949-016-10297	Sequence 10297, A
38	62	23.1	2813	3 US-08-896-449A-2	Sequence 2, Appli
39	62	23.1	2813	3 US-09-132-652-2	Sequence 2, Appli
40	62	23.1	2813	4 US-09-886-900A-2	Sequence 2, Appli
41	62	23.1	2813	4 US-09-662-478C-2	Sequence 2, Appli
42	59	22.0	179	4 US-09-270-767-32787	Sequence 32787, A
43	59	22.0	179	4 US-09-270-767-48004	Sequence 48004, A
44	57.5	21.5	466	3 US-09-724-864-44	Sequence 44, Appli
45	57	21.3	1045	4 US-09-949-016-11112	Sequence 11112, A

ALIGNMENTS

RESULT 1
US-07-899-535A-1
; Sequence 1, Application US/07899535A

; Patent No. 5428011

; GENERAL INFORMATION:

; APPLICANT: Sheth, Anil R.

; APPLICANT: Garde, Seema

; TITLE OF INVENTION: Panchal, Chandra J.

; TITLE OF INVENTION: Pharmaceutical Preparations For

; TITLE OF INVENTION: Inhibiting Tumours Associated With Prostate

; NUMBER OF SEQUENCES: 4 Adenocarcinoma, Stomach Cancer and Breast Cancer.

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Mr. George Loud

; STREET: 2001 Jefferson Davis Highway, Suite 306

; CITY: Arlington

; STATE: Virginia

; COUNTRY: U.S.A.

; ZIP: 22202

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: Patentin Release #1.0, Version #1.25

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/07/899, 535A

; FILING DATE: 16-JUN-1992

; CLASSIFICATION: 514

; ATTORNEY/AGENT INFORMATION:

; NAME: Loud, George A.

; REGISTRATION NUMBER: 25,814

; REFERENCE/DOCKET NUMBER: S&B-A835

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: 703-415-0960

; TELEFAX: 703-415-0962

; TELEX: 24 8614

; INFORMATION FOR SEQ ID NO: 1:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 94 amino acids

; TYPE: amino acid

; STRANDEDNESS: single

; TOPOLOGY: linear

; MOLECULE TYPE: protein

; HYPOTHETICAL: NO

; ; US-07-899-535A-1

Query Match 100.0%; Score 268; DB 1; Length 94;
Best Local Similarity 100.0%; Pred. No. 3.3e-28;
Matches 45; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 SCFIPNEGVPDSTRCKMDLKGKHPINSEWQTDNCETCTCYET 45
Db 1 SCFIPNEGVPDSTRCKMDLKGKHPINSEWQTDNCETCTCYET 45

RESULT 2

US-09-513-999C-7807
Sequence 7807, Application US/09513999C
Patent No. 6783961
GENERAL INFORMATION:
APPLICANT: Dumas Milne Edwards, J.B.
APPLICANT: Duclet, A.Y.
APPLICANT: Giordano, J.Y.
TITLE OF INVENTION: Expressed Sequence Tags and Encoded Human Proteins.
Patent No. 6783961
FILE REFERENCE: 59.US2.REG
CURRENT APPLICATION NUMBER: US/09/513.999C
CURRENT FILING DATE: 2000-02-24
PRIOR APPLICATION NUMBER: US 60/122,487
PRIOR FILING DATE: 1999-02-26
NUMBER OF SEQ ID NOS: 36681
SOFTWARE: Patent.pm
SEQ ID NO 7807
LENGTH: 114
TYPE: PRT
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: SIGNAL
LOCATION: -20...-1
OTHER INFORMATION: score 9
US-09-513-999C-7807

Query Match 100.0%; Score 268; DB 4; Length 114;
Best Local Similarity 100.0%; Pred. No. 4.1e-28;
Matches 45; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 SCFIPNEGVPDSTRCKMDLKGKHPINSEWQTDNCETCTCYET 45
Db 21 SCFIPNEGVPDSTRCKMDLKGKHPINSEWQTDNCETCTCYET 65

RESULT 3
US-07-899-535A-3
Sequence 3, Application US/07899535A
Patent No. 5428011
GENERAL INFORMATION:
APPLICANT: Sheth, Anil R.
APPLICANT: Garde, Seema
APPLICANT: Panchal, Chandra J.
TITLE OF INVENTION: Pharmaceutical Preparations for
TITLE OF INVENTION: Inhibiting Tumours Associated With Prostate
TITLE OF INVENTION: Adenocarcinoma, Stomach Cancer and Breast Cancer.
NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
ADDRESSEE: Mr. George Loud
STREET: 2001 Jefferson Davis Highway, Suite 306
CITY: Arlington
STATE: Virginia
COUNTRY: U.S.A.
ZIP: 22202
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/899.535A
FILING DATE: 16-JUN-1992
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Loud, George A. 25, 814
REGISTRATION NUMBER: 25, 814

REFERENCE/DOCKET NUMBER: S&B-A835
TELECOMMUNICATION INFORMATION:
TELEPHONE: 703-415-0960
TELEFAX: 703-415-0962
TELEX: 24 8614
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: peptide
HYPOTHEICAL: NO
US-07-899-535A-3

Query Match 35.8%; Score 96; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 3.2e-06;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 SCFIPNEGVPDSTRK 17
Db 1 SCFIPNEGVPDSTRK 17

RESULT 4
US-08-726-525-2
Sequence 2, Application US/08726525
Patent No. 5789181
GENERAL INFORMATION:
APPLICANT: Lin, Lih-Ling
APPLICANT: Graham, James
TITLE OF INVENTION: NOVEL INTERLEUKIN-1 RECEPTOR
TITLE OF INVENTION: INTRACELLULAR LIGAND PROTEINS AND INHIBITORS OF LIGAND
NUMBER OF SEQUENCES: 7
CORRESPONDENCE ADDRESS:
ADDRESSEE: LEGAL AFFAIRS, GENETICS INSTITUTE, INC.
STREET: 87 Cambridgepark Drive
CITY: Cambridge
STATE: MA
COUNTRY: USA
ZIP: 02140

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/726.525
FILING DATE: 07-OCT-1996
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/487,942
FILING DATE: 07-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: Brown, Scott A.
REGISTRATION NUMBER: 32,724
REFERENCE/DOCKET NUMBER: G15258
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 498-8224
TELEFAX: (617) 876-5851
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 176 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-726-525-2

Query Match 29.5%; Score 79; DB 1; Length 176;
Best Local Similarity 41.4%; Pred. No. 0.009;
Matches 12; Conservative 5; Mismatches 12; Indels 0; Gaps 0;

QY 14 STRCKMDLKGKHPINSEWQTDNCETCTC 42

Db 108 STTECVADGESHANNITKMKDACTTCEC 136

RESULT 5
US-08-487-942-2

Sequence 2, Application US/08487942
Patent No. 5817476
GENERAL INFORMATION:
APPLICANT: Lin, Lih-Liang
APPLICANT: Graham, James
TITLE OF INVENTION: NOVEL INTERLEUKIN-1 RECEPTOR
TITLE OF INVENTION: INTRACELLULAR LIGAND PROTEINS AND INHIBITORS OF LIGAND
NUMBER OF SEQUENCES: 7
CORRESPONDENCE ADDRESS:
ADDRESS: LEGAL AFFAIRS, GENETICS INSTITUTE, INC.
STREET: 87 Cambridgepark Drive
CITY: Cambridge
STATE: MA
COUNTRY: USA
ZIP: 02140
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/487,942
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Brown, Scott A.
REGISTRATION NUMBER: 32,724
REFERENCE/DOCKET NUMBER: G15258
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 498-8224
TELEFAX: (617) 876-5851
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 176 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-487-942-2

Query Match 29.5%; Score 79; DB 2; Length 176;
Best Local Similarity 41.4%; Pred. No. 0.009;
Matches 12; Conservative 5; Mismatches 12; Indels 0; Gaps 0;

Qy 14 STRKMDLKGKHPINSEWOTDNCETCTC 42
Db 108 STTECVADGESHANNITKMKDACTTCEC 136

RESULT 6
US-08-726-036A-2

Sequence 2, Application US/08726036A
Patent No. 5881482
GENERAL INFORMATION:
APPLICANT: Lin, Lih-Liang
APPLICANT: Graham, James
TITLE OF INVENTION: NOVEL INTERLEUKIN-1 RECEPTOR
TITLE OF INVENTION: INTRACELLULAR LIGAND PROTEINS AND INHIBITORS OF LIGAND
NUMBER OF SEQUENCES: 7
CORRESPONDENCE ADDRESS:
ADDRESS: LEGAL AFFAIRS, GENETICS INSTITUTE, INC.
STREET: 87 Cambridgepark Drive
CITY: Cambridge
STATE: MA
COUNTRY: USA
ZIP: 02140

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/726,036A
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Brown, Scott A.
REGISTRATION NUMBER: 32,724
REFERENCE/DOCKET NUMBER: G15258
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 498-8224
TELEFAX: (617) 876-5851
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 176 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-726-036A-2

Query Match 29.5%; Score 79; DB 2; Length 176;
Best Local Similarity 41.4%; Pred. No. 0.009;
Matches 12; Conservative 5; Mismatches 12; Indels 0; Gaps 0;

Qy 14 STRKMDLKGKHPINSEWOTDNCETCTC 42
Db 108 STTECVADGESHANNITKMKDACTTCEC 136

RESULT 7
US-09-083-516-2
Sequence 2, Application US/09083516
Patent No. 6300086
GENERAL INFORMATION:
APPLICANT: Lin, Lih-Liang
APPLICANT: Graham, James
TITLE OF INVENTION: NOVEL INTERLEUKIN-1 RECEPTOR
TITLE OF INVENTION: INTRACELLULAR LIGAND PROTEINS AND INHIBITORS OF LIGAND
NUMBER OF SEQUENCES: 7
CORRESPONDENCE ADDRESS:
ADDRESS: LEGAL AFFAIRS, GENETICS INSTITUTE, INC.
STREET: 87 Cambridgepark Drive
CITY: Cambridge
STATE: MA
COUNTRY: USA
ZIP: 02140
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/083,516
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/487,942
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Brown, Scott A.
REGISTRATION NUMBER: 32,724
REFERENCE/DOCKET NUMBER: G15258
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 498-8224
TELEFAX: (617) 876-5851
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 176 amino acids

TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-09-083-516-2

Query Match 29.5%; Score 79; DB 3; Length 176;
Best Local Similarity 41.4%; Pred. No. 0.009;
Matches 12; Conservative 5; Mismatches 12; Indels 0; Gaps 0;

QY 14 STRKMDLKGKHPINSEWQDNCECTC 42
Db 108 STECVADAGESHANNKMKDADCTIC 136

RESULT 8
US-08-937-236-3
Sequence 3, Application US/08937236
Patent No. 6187310
GENERAL INFORMATION:
APPLICANT: MANN, BARBARA J.
APPLICANT: PETRI, WILLIAM A.
APPLICANT: DODSON, JAMES M.
TITLE OF INVENTION: RECOMBINANT ENTAMOEBA HISTOLYTICA LECTIN
TITLE OF INVENTION: SUBUNIT PEPTIDES AND REAGENTS SPECIFIC FOR MEMBERS OF THE
TITLE OF INVENTION: 170 KD SUBUNIT MULTIGENE FAMILY
NUMBER OF SEQUENCES: 12
CORRESPONDENCE ADDRESS:
ADDRESSEE: MORRISON & FOERSTER
STREET: 2000 PENNSYLVANIA AVENUE N.W., STE. 5500
CITY: WASHINGTON
STATE: DC
COUNTRY: USA
ZIP: 20006-1812
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/937,236
FILING DATE:
CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/569,214
FILING DATE: 16 SEPTEMBER 1997
ATTORNEY/AGENT INFORMATION:
NAME: LIVNAT, SHMUEL
REGISTRATION NUMBER: 33,949
REFERENCE/DOCKET NUMBER: 291482000622
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 887-1500
TELEFAX: (202) 887-0763
TELEX: 90-4030
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 1276 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-937-236-3

Query Match 25.0%; Score 67; DB 3; Length 1276;
Best Local Similarity 31.7%; Pred. No. 3.6;
Matches 13; Conservative 6; Mismatches 10; Indels 12; Gaps 1;

QY 17 KCMDLKGNKHPINSEWQDN-----CETCTCYET 45
Db 1084 KCVESKSGDKITHKWEIDTERSNANPKRNPCEATCNQT 1124

RESULT 9
US-08-937-236-6
Sequence 6, Application US/08937236

Patent No. 6187310
GENERAL INFORMATION:
APPLICANT: MANN, BARBARA J.
APPLICANT: PETRI, WILLIAM A.
APPLICANT: DODSON, JAMES M.
TITLE OF INVENTION: RECOMBINANT ENTAMOEBA HISTOLYTICA LECTIN
TITLE OF INVENTION: SUBUNIT PEPTIDES AND REAGENTS SPECIFIC FOR MEMBERS OF THE
TITLE OF INVENTION: 170 KD SUBUNIT MULTIGENE FAMILY
NUMBER OF SEQUENCES: 12
CORRESPONDENCE ADDRESS:
ADDRESSEE: MORRISON & FOERSTER
STREET: 2000 PENNSYLVANIA AVENUE N.W., STE. 5500
CITY: WASHINGTON
STATE: DC
COUNTRY: USA
ZIP: 20006-1812
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/937,236
FILING DATE:
CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/569,214
FILING DATE: 16 SEPTEMBER 1997
ATTORNEY/AGENT INFORMATION:
NAME: LIVNAT, SHMUEL
REGISTRATION NUMBER: 33,949
REFERENCE/DOCKET NUMBER: 291482000622
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 887-1500
TELEFAX: (202) 887-0763
TELEX: 90-4030
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 1277 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-937-236-6

Query Match 25.0%; Score 67; DB 3; Length 1277;
Best Local Similarity 31.7%; Pred. No. 3.6;
Matches 13; Conservative 6; Mismatches 10; Indels 12; Gaps 1;

QY 17 KCMDLKGNKHPINSEWQDN-----CETCTCYET 45
Db 1084 KCVESKSGDKITHKWEIDTERSNANPKRNPCEATCNQT 1124

RESULT 10
US-08-569-214-3
Sequence 3, Application US/08569214
Patent No. 6165469
GENERAL INFORMATION:
APPLICANT: MANN, BARBARA J.
APPLICANT: PETRI, WILLIAM A.
TITLE OF INVENTION: RECOMBINANT ENTAMOEBA HISTOLYTICA LECTIN
TITLE OF INVENTION: SUBUNIT PEPTIDES AND REAGENTS SPECIFIC FOR MEMBERS OF THE
TITLE OF INVENTION: 170 KD SUBUNIT MULTIGENE FAMILY
NUMBER OF SEQUENCES: 10
CORRESPONDENCE ADDRESS:
ADDRESSEE: MORRISON & FOERSTER
STREET: 2000 PENNSYLVANIA AVENUE N.W., STE. 5500
CITY: WASHINGTON
STATE: DC
COUNTRY: USA
ZIP: 20006-1812
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk


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COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/569,214
FILING DATE:
CLASSIFICATION: 424
PRIOR APPLICATION NUMBER: PCT/US94/06890
FILING DATE: 17-JUN-1994
ATTORNEY/AGENT INFORMATION:
NAME: MURASHIGE, KATE H.
REGISTRATION NUMBER: 29,959
REFERENCE/DOCKET NUMBER: 9148-0006.21
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 887-1500
TELEFAX: (202) 887-0763
TELEX: 90-4030
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 1291 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-569-214-3

Query Match          25.0%; Score 67; DB 3; Length 1291;
Best Local Similarity 31.7%; Pred. No. 3.7;
Matches 13; Conservative 6; Mismatches 10; Indels 12; Gaps 1;

Qy 17 KCMDLKGNKHPINSEWQTDN-----CETCTCYET 45
Db 1099 KCVESKSGSDGKITHKWEIDTERSNANPKRPNPCETATNCOT 1139

RESULT 11
US-08-937-236-2
Sequence 2, Application US/08937236
Patent No. 6187310
GENERAL INFORMATION:
APPLICANT: MANN, BARBARA J.
APPLICANT: PETRI, WILLIAM A.
TITLE OF INVENTION: RECOMBINANT ENTAMOEBA HISTOLYTICA LECTIN
TITLE OF INVENTION: SUBUNIT PEPTIDES AND REAGENTS SPECIFIC FOR MEMBERS OF THE
TITLE OF INVENTION: 170 KD SUBUNIT MULTIGENE FAMILY
NUMBER OF SEQUENCES: 12
CORRESPONDENCE ADDRESS:
ADDRESS: MORRISON & FOERSTER
STREET: 2000 PENNSYLVANIA AVENUE N.W., STE. 5500
CITY: WASHINGTON
STATE: DC
COUNTRY: USA
ZIP: 20006-1812
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/937,236
FILING DATE:
CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/569,214
FILING DATE: 16 SEPTEMBER 1997
ATTORNEY/AGENT INFORMATION:
NAME: LIVNAT, SHMUEL
REGISTRATION NUMBER: 33,949
REFERENCE/DOCKET NUMBER: 291482000622
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 887-1500
TELEFAX: (202) 887-0763
```

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TELEX: 90-4030
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 1291 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-937-236-2

Query Match          25.0%; Score 67; DB 3; Length 1291;
Best Local Similarity 31.7%; Pred. No. 3.7;
Matches 13; Conservative 6; Mismatches 10; Indels 12; Gaps 1;

Qy 17 KCMDLKGNKHPINSEWQTDN-----CETCTCYET 45
Db 1099 KCVESKSGSDGKITHKWEIDTERSNANPKRPNPCETATNCOT 1139

RESULT 12
US-08-569-214-5
Sequence 5, Application US/08569214
Patent No. 6165469
GENERAL INFORMATION:
APPLICANT: MANN, BARBARA J.
APPLICANT: PETRI, WILLIAM A.
TITLE OF INVENTION: RECOMBINANT ENTAMOEBA HISTOLYTICA LECTIN
TITLE OF INVENTION: SUBUNIT PEPTIDES AND REAGENTS SPECIFIC FOR MEMBERS OF THE
TITLE OF INVENTION: 170 KD SUBUNIT MULTIGENE FAMILY
NUMBER OF SEQUENCES: 10
CORRESPONDENCE ADDRESS:
ADDRESS: MORRISON & FOERSTER
STREET: 2000 PENNSYLVANIA AVENUE N.W., STE. 5500
CITY: WASHINGTON
STATE: DC
COUNTRY: USA
ZIP: 20006-1812
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/569,214
FILING DATE:
CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US94/06890
FILING DATE: 17-JUN-1994
ATTORNEY/AGENT INFORMATION:
NAME: MURASHIGE, KATE H.
REGISTRATION NUMBER: 29,959
REFERENCE/DOCKET NUMBER: 9148-0006.21
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 887-1500
TELEFAX: (202) 887-0763
TELEX: 90-4030
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 1292 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-569-214-5

Query Match          25.0%; Score 67; DB 3; Length 1292;
Best Local Similarity 31.7%; Pred. No. 3.7;
Matches 13; Conservative 6; Mismatches 10; Indels 12; Gaps 1;
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RESULT 13
US-08-569-214-6
; Sequence 6, Application US/08569214
; Patent No. 6165469
; GENERAL INFORMATION:
; APPLICANT: MANN, BARBARA J.
; APPLICANT: PETRI, WILLIAM A.
; TITLE OF INVENTION: RECOMBINANT ENTAMOEBA HISTOLYTICA LECTIN
; TITLE OF INVENTION: SUBUNIT PEPTIDES AND REAGENTS SPECIFIC FOR MEMBERS OF THE
; TITLE OF INVENTION: 170 KD SUBUNIT MULTIGENE FAMILY
; NUMBER OF SEQUENCES: 10
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORRISON & FOERSTER
; STREET: 2000 PENNSYLVANIA AVENUE N.W., STE. 5500
; CITY: WASHINGTON
; STATE: DC
; COUNTRY: USA
; ZIP: 20006-1812
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/569,214
; FILING DATE:
; CLASSIFICATION: 424
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US94/06890
; FILING DATE: 17-JUN-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: MURASHIGE, KATE H.
; REGISTRATION NUMBER: 29,959
; REFERENCE/DOCKET NUMBER: 9148-0006.21
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 887-1500
; TELEFAX: (202) 887-0763
; TELEX: 90-4030
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 1292 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
US-08-569-214-6
;
Query Match 25.0%; Score 67; DB 3; Length 1292;
Best Local Similarity 31.7%; Pred. No. 3.7;
Matches 13; Conservative 6; Mismatches 10; Indels 12; Gaps 1;

Qy 17 KCMDLGNKHPINSEWQTDN-----CETCTCYET 45
Db 1099 KCVESKSGDKITHKWEIDTFRSNANPKRNPCTATCNGT 1139

RESULT 14
US-08-937-236-5
; Sequence 5, Application US/08937236
; Patent No. 6187310
; GENERAL INFORMATION:
; APPLICANT: MANN, BARBARA J.
; APPLICANT: PETRI, WILLIAM A.
; APPLICANT: DODSON, JAMES M.
; TITLE OF INVENTION: RECOMBINANT ENTAMOEBA HISTOLYTICA LECTIN
; TITLE OF INVENTION: SUBUNIT PEPTIDES AND REAGENTS SPECIFIC FOR MEMBERS OF THE
; TITLE OF INVENTION: 170 KD SUBUNIT MULTIGENE FAMILY
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORRISON & FOERSTER
; STREET: 2000 PENNSYLVANIA AVENUE N.W., STE. 5500
; CITY: WASHINGTON
; STATE: DC
; COUNTRY: USA
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ZIP: 20006-1812
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/937,236
; FILING DATE:
; CLASSIFICATION: 424
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/569,214
; FILING DATE: 16 SEPTEMBER 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: LIVNAT, SHMUEL
; REGISTRATION NUMBER: 33,949
; REFERENCE/DOCKET NUMBER: 291482000622
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 887-1500
; TELEFAX: (202) 887-0763
; TELEX: 90-4030
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 1292 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
;
US-08-937-236-5
;
Query Match 25.0%; Score 67; DB 3; Length 1292;
Best Local Similarity 31.7%; Pred. No. 3.7;
Matches 13; Conservative 6; Mismatches 10; Indels 12; Gaps 1;

Qy 17 KCMDLGNKHPINSEWQTDN-----CETCTCYET 45
Db 1099 KCVESKSGDKITHKWEIDTFRSNANPKRNPCTATCNGT 1139

RESULT 15
US-08-569-214-2
; Sequence 2, Application US/08569214
; Patent No. 6165469
; GENERAL INFORMATION:
; APPLICANT: MANN, BARBARA J.
; APPLICANT: PETRI, WILLIAM A.
; TITLE OF INVENTION: RECOMBINANT ENTAMOEBA HISTOLYTICA LECTIN
; TITLE OF INVENTION: SUBUNIT PEPTIDES AND REAGENTS SPECIFIC FOR MEMBERS OF THE
; TITLE OF INVENTION: 170 KD SUBUNIT MULTIGENE FAMILY
; NUMBER OF SEQUENCES: 10
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORRISON & FOERSTER
; STREET: 2000 PENNSYLVANIA AVENUE N.W., STE. 5500
; CITY: WASHINGTON
; STATE: DC
; COUNTRY: USA
; ZIP: 20006-1812
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/569,214
; FILING DATE:
; CLASSIFICATION: 424
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US94/06890
; FILING DATE: 17-JUN-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: MURASHIGE, KATE H.
; REGISTRATION NUMBER: 29,959
; REFERENCE/DOCKET NUMBER: 9148-0006.21
; TELECOMMUNICATION INFORMATION:
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TELEPHONE: (202) 887-1500
TELEFAX: (202) 887-0763
TELEX: 90-4030
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 1295 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-569-214-2

Query Match 25.0%; Score 67; DB 3; Length 1295;
Best Local Similarity 31.7%; Pred. No. 3.7; Mismatches 10; Indels 12; Gaps 1;
Matches 13; Conservative 6;

OY 17 KCMDLKGNKHPINSEWOTDN-----CETCTCYET 45
Db 1099 KCVESKSGSDGKITTKWEIDTERSNANPKPRNFCETATCNQT 1139

Search completed: July 27, 2005, 19:28:42
Job time : 24.0727 secs

This Page Blank (uspto)

GenCore version 5.1.6
Copyright (c) 1993 - 2005 Compugen Ltd.

OM protein - protein search, using SW model

Run on: July 27, 2005, 19:20:53 ; Search time 84.9273 Seconds
(without alignments)
206.113 Million cell updates/sec

Title: US-09-977-406a-88
Perfect score: 268
Sequence: 1 SCYFIPEGVPGDSTRKCMD.....HPINSEWQDNCETCTCYET 45

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 1741741 seqs, 388992284 residues

Total number of hits satisfying chosen parameters: 1741741

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Published Applications AA:*

- 1: /cgn2_6/ptodata/1/pubppaa/US07_PUBCOMB.pep.*
- 2: /cgn2_6/ptodata/1/pubppaa/PCT_NEW_PUB.pep.*
- 3: /cgn2_6/ptodata/1/pubppaa/US06_NEW_PUB.pep.*
- 4: /cgn2_6/ptodata/1/pubppaa/US06_PUBCOMB.pep.*
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- 6: /cgn2_6/ptodata/1/pubppaa/PCTUS_PUBCOMB.pep.*
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- 20: /cgn2_6/ptodata/1/pubppaa/US11_NEW_PUB.pep.*
- 21: /cgn2_6/ptodata/1/pubppaa/US60_NEW_PUB.pep.*
- 22: /cgn2_6/ptodata/1/pubppaa/US60_PUBCOMB.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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1	268	100.0	45	10	US-09-977-406a-88
2	268	100.0	45	17	US-10-948-229-87
3	268	100.0	45	20	US-11-004-270-87
4	268	100.0	45	20	US-11-004-273-87
5	268	100.0	94	10	US-09-977-406a-1
6	268	100.0	94	14	US-10-291-360-1
7	268	100.0	94	17	US-10-857-358-1
8	268	100.0	94	17	US-10-948-229-1
9	268	100.0	94	20	US-11-004-270-1
10	268	100.0	94	20	US-11-004-273-1
11	268	100.0	102	10	US-09-977-406a-2

12	268	100.0	102	14	US-10-291-360-2	Sequence 2, Appli
13	268	100.0	102	17	US-10-857-358-2	Sequence 2, Appli
14	268	100.0	102	17	US-10-948-229-2	Sequence 2, Appli
15	268	100.0	102	20	US-11-004-270-2	Sequence 2, Appli
16	268	100.0	102	20	US-11-004-273-2	Sequence 2, Appli
17	268	100.0	114	13	US-10-012-896-1003	Sequence 1003, Ap
18	268	100.0	114	14	US-10-203-823-271	Sequence 271, App
19	268	100.0	114	14	US-10-144-678A-1003	Sequence 1003, Ap
20	268	100.0	114	14	US-10-294-025-1003	Sequence 1003, Ap
21	268	100.0	114	15	US-10-291-172-236	Sequence 236, App
22	268	100.0	114	15	US-10-221-278-236	Sequence 236, App
23	268	100.0	114	6	US-10-408-65A-532	Sequence 532, App
24	268	100.0	132	9	US-09-925-300-1027	Sequence 1027, Ap
25	264	98.5	44	10	US-09-977-406a-87	Sequence 87, Appli
26	264	98.5	44	17	US-10-948-229-86	Sequence 86, Appli
27	264	98.5	44	20	US-11-004-270-86	Sequence 86, Appli
28	264	98.5	44	20	US-11-004-273-86	Sequence 86, Appli
29	255	95.1	43	10	US-09-977-406a-86	Sequence 86, Appli
30	255	95.1	43	10	US-10-948-229-85	Sequence 85, Appli
31	255	95.1	43	20	US-11-004-270-85	Sequence 85, Appli
32	255	95.1	43	20	US-11-004-273-85	Sequence 85, Appli
33	248	92.5	42	10	US-09-977-406a-85	Sequence 85, Appli
34	248	92.5	42	17	US-10-948-229-84	Sequence 84, Appli
35	248	92.5	42	20	US-11-004-270-84	Sequence 84, Appli
36	248	92.5	42	20	US-11-004-273-84	Sequence 84, Appli
37	242	90.3	41	10	US-09-977-406a-84	Sequence 84, Appli
38	242	90.3	41	17	US-10-948-229-83	Sequence 83, Appli
39	242	90.3	41	20	US-11-004-270-83	Sequence 83, Appli
40	242	90.3	41	20	US-11-004-273-83	Sequence 83, Appli
41	238	88.8	40	10	US-09-977-406a-83	Sequence 83, Appli
42	238	88.8	40	17	US-10-948-229-82	Sequence 82, Appli
43	238	88.8	40	20	US-11-004-270-82	Sequence 82, Appli
44	238	88.8	40	20	US-11-004-273-82	Sequence 82, Appli
45	231	86.2	39	10	US-09-977-406a-82	Sequence 82, Appli

ALIGNMENTS

RESULT 1
US-09-977-406a-88
; Sequence 88, Application US/09977406A
; Publication No. US20030176220A1
; GENERAL INFORMATION:
; APPLICANT: PROCYON BIOPHARMA INC.
; TITLE OF INVENTION: PHARMACEUTICAL PREPARATIONS AND METHODS FOR INHIBITING TUMORS
; FILE REFERENCE: 06508-030-US-03
; CURRENT FILING DATE: 2001-10-15
; PRIOR APPLICATION NUMBER: CA 2,321,256
; PRIOR FILING DATE: 2000-10-16
; PRIOR APPLICATION NUMBER: CA 2,355,334
; PRIOR FILING DATE: 2001-08-20
; NUMBER OF SEQ ID NOS: 92
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 88
; LENGTH: 45
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Polypeptide derived from rhPSP94 sequence (polypeptide analog)
US-09-977-406a-88

Query Match 100.0%; Score 268; DB 10; Length 45;
Best Local Similarity 100.0%; Pred. No. 1e-26;
Matches 45; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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DB 1 SCYFIPEGVPGDSTRKCMDKGNKHPINSEWQDNCETCTCYET 45

RESULT 2

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US-10-948-229-87
; Sequence 87, Application US/10948229
; Publication No. US20050096273A1
; GENERAL INFORMATION:
; APPLICANT: Panchal, Chandra J
; APPLICANT: Daigneault, Luc
; APPLICANT: Hawkins, Robert
; APPLICANT: Ruiz, Marcia
; APPLICANT: Garde, Seema
; TITLE OF INVENTION: REGULATION OF MATRIX METALLOPROTEINASES BY PSP94 FAMILY MEMBERS
; FILE REFERENCE: BKP-022
; CURRENT APPLICATION NUMBER: US/10/948,229
; CURRENT FILING DATE: 2004-09-24
; PRIOR APPLICATION NUMBER: CA 2,441,695
; PRIOR FILING DATE: 2003-09-26
; NUMBER OF SEQ ID NOS: 91
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 87
; LENGTH: 45
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PSP94 family member
US-10-948-229-87
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Query Match          100.0%; Score 268; DB 17; Length 45;
Best Local Similarity 100.0%; Pred. No. 1e-26;
Matches 45; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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Db      1 SCVFIPNEGVPDSTRKCMDLKGKHPINSEWQTDNCETCTCYET 45
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RESULT 3
US-11-004-270-87
; Sequence 87, Application US/11004270
; Publication No. US20050147601A1
; GENERAL INFORMATION:
; APPLICANT: Panchal, Chandra J.
; APPLICANT: Wu, Jinzi
; APPLICANT: Beliveau, Richard
; APPLICANT: Ruiz, Marcia
; APPLICANT: Garde, Seema
; APPLICANT: Annabi, Borhane
; APPLICANT: Lamy, Sylvie
; APPLICANT: Bouzeghrane, Mounia
; APPLICANT: Daigneault, Luc
; APPLICANT: Hawkins, Robert
; TITLE OF INVENTION: REGULATION OF CELL MIGRATION AND ADHESION
; FILE REFERENCE: BKP-020
; CURRENT APPLICATION NUMBER: US/11/004,270
; CURRENT FILING DATE: 2004-12-02
; PRIOR APPLICATION NUMBER: US 10/948,229
; PRIOR FILING DATE: 2004-09-24
; PRIOR APPLICATION NUMBER: CA 2,441,695
; PRIOR FILING DATE: 2003-09-26
; NUMBER OF SEQ ID NOS: 99
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 87
; LENGTH: 45
; TYPE: PRT
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: PCK3145 derivative
US-11-004-270-87
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Best Local Similarity 100.0%; Pred. No. 1e-26;
Matches 45; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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Db      1 SCVFIPNEGVPDSTRKCMDLKGKHPINSEWQTDNCETCTCYET 45
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US-11-004-273-87
; Sequence 87, Application US/11004273
; Publication No. US20050148514A1
; GENERAL INFORMATION:
; APPLICANT: Panchal, Chandra J.
; APPLICANT: Wu, Jinzi
; APPLICANT: Beliveau, Richard
; APPLICANT: Ruiz, Marcia
; APPLICANT: Garde, Seema
; APPLICANT: Annabi, Borhane
; APPLICANT: Lamy, Sylvie
; APPLICANT: Bouzeghrane, Mounia
; APPLICANT: Daigneault, Luc
; APPLICANT: Hawkins, Robert
; TITLE OF INVENTION: METHOD AND COMPOSITION FOR TREATMENT OF ANGIOGENESIS
; FILE REFERENCE: BKP-021
; CURRENT APPLICATION NUMBER: US/11/004,273
; CURRENT FILING DATE: 2004-12-02
; PRIOR APPLICATION NUMBER: US 10/948,229
; PRIOR FILING DATE: 2004-09-24
; PRIOR APPLICATION NUMBER: CA 2,441,695
; PRIOR FILING DATE: 2003-09-26
; NUMBER OF SEQ ID NOS: 99
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 87
; LENGTH: 45
; TYPE: PRT
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: PCK3145 derivative
US-11-004-273-87
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Query Match          100.0%; Score 268; DB 20; Length 45;
Best Local Similarity 100.0%; Pred. No. 1e-26;
Matches 45; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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Db      1 SCVFIPNEGVPDSTRKCMDLKGKHPINSEWQTDNCETCTCYET 45
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RESULT 5
US-09-977-406A-1
; Sequence 1, Application US/09977406A
; Publication No. US20030170220A1
; GENERAL INFORMATION:
; APPLICANT: PROCYON BIOPHARMA INC.
; TITLE OF INVENTION: PHARMACEUTICAL PREPARATIONS AND METHODS FOR INHIBITTING TUMORS
; FILE REFERENCE: 06508-030-US-03
; CURRENT APPLICATION NUMBER: US/09/977,406A
; CURRENT FILING DATE: 2001-10-15
; PRIOR APPLICATION NUMBER: CA 2,321,256
; PRIOR FILING DATE: 2000-10-16
; PRIOR APPLICATION NUMBER: CA 2,355,334
; PRIOR FILING DATE: 2001-08-20
; NUMBER OF SEQ ID NOS: 92
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 1
; LENGTH: 94
; TYPE: PRT
; ORGANISM: Homo sapiens
; PUBLICATION INFORMATION:
; AUTHORS: Uivack, W., Lindstrom, C., Weiber, H., Abrahamson, P.A., Lilja, H., and
; TITLE: Molecular cloning of a small prostate protein, known as beta-
; TITLE: microsemoprotein, PSP94 or beta-inhibin, and demonstration of transcripts in
; TITLE: non-genital tissues.
; JOURNAL: Biochem. Biophys. Res Commun.
; VOLUME: 164
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ISSUE: 3
PAGES: 1310-1315
DATE: 1989
DATABASE ACCESSION NUMBER: GI 131436
DATABASE ENTRY DATE: 1988-08-01
US-09-977-406a-1

Query Match 100.0%; Score 268; DB 10; Length 94;
Best Local Similarity 100.0%; Pred. No. 2.3e-26;
Matches 45; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db 1 SCYFIPNEGVPDSTRKCMDLKGKHPINSEWQTDNCECTCYET 45

RESULT 6
US-10-291-360-1
Sequence 1, Application US/10291360
Publication No. US20030119744A1
GENERAL INFORMATION:
APPLICANT: PROCCON BIOPHARMA INC.
TITLE OF INVENTION: PSP-94: Use for Treatment of Hypercalcemia and Bone metastasis
FILE REFERENCE: 06508-051-US-02
CURRENT APPLICATION NUMBER: US/10/291,360
CURRENT FILING DATE: 2002-11-08
PRIOR APPLICATION NUMBER: CA 2,361,736
PRIOR FILING DATE: 2001-11-08
NUMBER OF SEQ ID NOS: 6
SOFTWARE: PatentIn version 3.1
SEQ ID NO 1
LENGTH: 94
TYPE: PRT
ORGANISM: Homo sapiens
PUBLICATION INFORMATION:
AUTHORS: Ulvback, M., Lindstrom, C., Weiber, H., Abrahamson, P.A., Lilja, H., and
AUTHORS: Lundvall, A.
TITLE: Molecular cloning of a small prostate protein, known as beta-
TITLE: microsemoprotein, PSP94 or beta-inhibin, and demonstration of transcripts
TITLE: non-genital tissues.
JOURNAL: Biochem. Biophys. Res Commun.
VOLUME: 164
ISSUE: 3
PAGES: 1310-1315
DATE: 1989
DATABASE ACCESSION NUMBER: GI 131436
DATABASE ENTRY DATE: 1988-08-01
US-10-291-360-1

Query Match 100.0%; Score 268; DB 14; Length 94;
Best Local Similarity 100.0%; Pred. No. 2.3e-26;
Matches 45; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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US-10-857-358-1
Sequence 1, Application US/10857358
Publication No. US20050026833A1
GENERAL INFORMATION:
APPLICANT: PROCCON BIOPHARMA INC.
TITLE OF INVENTION: PSP-94: Use for Treatment of Hypercalcemia and Bone metastasis
FILE REFERENCE: 06508-153
CURRENT APPLICATION NUMBER: US/10/857,358
CURRENT FILING DATE: 2004-06-01
PRIOR APPLICATION NUMBER: CA 2,361,736
PRIOR FILING DATE: 2001-11-08
PRIOR APPLICATION NUMBER: US 10/291,360
PRIOR FILING DATE: 2002-11-08
NUMBER OF SEQ ID NOS: 7

SOFTWARE: PatentIn version 3.1
SEQ ID NO 1
LENGTH: 94
TYPE: PRT
ORGANISM: Homo sapiens
PUBLICATION INFORMATION:
AUTHORS: Ulvback, M., Lindstrom, C., Weiber, H., Abrahamson, P.A., Lilja, H., and
AUTHORS: Lundvall, A.
TITLE: Molecular cloning of a small prostate protein, known as beta-
TITLE: microsemoprotein, PSP94 or beta-inhibin, and demonstration of transcripts
TITLE: non-genital tissues.
JOURNAL: Biochem. Biophys. Res Commun.
VOLUME: 164
ISSUE: 3
PAGES: 1310-1315
DATE: 1989
DATABASE ACCESSION NUMBER: GI 131436
DATABASE ENTRY DATE: 1988-08-01
US-10-857-358-1

Query Match 100.0%; Score 268; DB 17; Length 94;
Best Local Similarity 100.0%; Pred. No. 2.3e-26;
Matches 45; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 SCYFIPNEGVPDSTRKCMDLKGKHPINSEWQTDNCECTCYET 45
Db 1 SCYFIPNEGVPDSTRKCMDLKGKHPINSEWQTDNCECTCYET 45

RESULT 8
US-10-948-229-1
Sequence 1, Application US/10948229
Publication No. US20050096273A1
GENERAL INFORMATION:
APPLICANT: Panchal, Chandra J
APPLICANT: Daigneault, Luc
APPLICANT: Hawkins, Robert
APPLICANT: Ruiz, Marcia
APPLICANT: Garde, Seema
TITLE OF INVENTION: REGULATION OF MATRIX METALLOPROTEINASES BY PSP94 FAMILY MEMBERS
FILE REFERENCE: BRP-022
CURRENT APPLICATION NUMBER: US/10/948,229
CURRENT FILING DATE: 2004-09-24
PRIOR APPLICATION NUMBER: CA 2,441,695
PRIOR FILING DATE: 2003-09-26
NUMBER OF SEQ ID NOS: 91
SOFTWARE: PatentIn version 3.3
SEQ ID NO 1
LENGTH: 94
TYPE: PRT
ORGANISM: Homo sapiens
US-10-948-229-1

Query Match 100.0%; Score 268; DB 17; Length 94;
Best Local Similarity 100.0%; Pred. No. 2.3e-26;
Matches 45; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 SCYFIPNEGVPDSTRKCMDLKGKHPINSEWQTDNCECTCYET 45
Db 1 SCYFIPNEGVPDSTRKCMDLKGKHPINSEWQTDNCECTCYET 45

RESULT 9
US-11-004-270-1
Sequence 1, Application US/11004270
Publication No. US20050147601A1
GENERAL INFORMATION:
APPLICANT: Panchal, Chandra J.
APPLICANT: Wu, Jinzi
APPLICANT: Beliveau, Richard
APPLICANT: Ruiz, Marcia
APPLICANT: Garde, Seema
APPLICANT: Annabi, Borhane

```

; APPLICANT: Lamy, Sylvie
; APPLICANT: Bouzeghrane, Mounia
; APPLICANT: Daigneault, Luc
; APPLICANT: Hawkins, Robert
; TITLE OF INVENTION: REGULATION OF CELL MIGRATION AND ADHESION
; FILE REFERENCE: BKP-020
; CURRENT APPLICATION NUMBER: US/11/004,270
; CURRENT FILING DATE: 2004-12-02
; PRIOR APPLICATION NUMBER: US 10/948,229
; PRIOR FILING DATE: 2004-09-24
; PRIOR APPLICATION NUMBER: CA 2,441,695
; PRIOR FILING DATE: 2003-09-26
; NUMBER OF SEQ ID NOS: 99
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 1
; LENGTH: 94
; TYPE: PRT
; ORGANISM: Homo sapiens
US-11-004-270-1
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Query Match          100.0%; Score 268; DB 20; Length 94;
Best Local Similarity 100.0%; Pred. No. 2.3e-26;
Matches 45; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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Db 1 SCYFIPNEGVPDSTRKCMDLKGKHPINSEWQTDNCETCTCYET 45
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RESULT 10
US-11-004-273-1
; Sequence 1, Application US/11004273
; Publication No. US20050148514A1
; GENERAL INFORMATION:
; APPLICANT: Panchal, Chandra J.
; APPLICANT: Wu, Jinzi
; APPLICANT: Belliveau, Richard
; APPLICANT: Ruiz, Marcia
; APPLICANT: Garde, Seema
; APPLICANT: Annabi, Borhane
; APPLICANT: Lamy, Sylvie
; APPLICANT: Bouzeghrane, Mounia
; APPLICANT: Daigneault, Luc
; APPLICANT: Hawkins, Robert
; TITLE OF INVENTION: METHOD AND COMPOSITION FOR TREATMENT OF ANGIOGENESIS
; FILE REFERENCE: BKP-021
; CURRENT APPLICATION NUMBER: US/11/004,273
; CURRENT FILING DATE: 2004-12-02
; PRIOR APPLICATION NUMBER: US 10/948,229
; PRIOR FILING DATE: 2004-09-24
; PRIOR APPLICATION NUMBER: CA 2,441,695
; PRIOR FILING DATE: 2003-09-26
; NUMBER OF SEQ ID NOS: 99
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 1
; LENGTH: 94
; TYPE: PRT
; ORGANISM: Homo sapiens
US-11-004-273-1
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Query Match          100.0%; Score 268; DB 20; Length 94;
Best Local Similarity 100.0%; Pred. No. 2.3e-26;
Matches 45; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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Db 1 SCYFIPNEGVPDSTRKCMDLKGKHPINSEWQTDNCETCTCYET 45
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RESULT 11
US-09-977-406a-2
; Sequence 2, Application US/09977406A
; Publication No. US20030170220A1
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; GENERAL INFORMATION:
; APPLICANT: PROCTON BIOPHARMA INC.
; TITLE OF INVENTION: PHARMACEUTICAL PREPARATIONS AND METHODS FOR INHIBITING TUMORS
; FILE REFERENCE: 06508-030-US-03
; CURRENT APPLICATION NUMBER: US/09/977,406A
; CURRENT FILING DATE: 2001-10-15
; PRIOR APPLICATION NUMBER: CA 2,321,256
; PRIOR FILING DATE: 2000-10-16
; PRIOR APPLICATION NUMBER: CA 2,355,334
; PRIOR FILING DATE: 2001-08-20
; NUMBER OF SEQ ID NOS: 92
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 2
; LENGTH: 102
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: recombinant human PSP94 (rHuPSP94) produced from yeast
US-09-977-406a-2
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Query Match          100.0%; Score 268; DB 10; Length 102;
Best Local Similarity 100.0%; Pred. No. 2.5e-26;
Matches 45; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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Qy 1 SCYFIPNEGVPDSTRKCMDLKGKHPINSEWQTDNCETCTCYET 45
Db 9 SCYFIPNEGVPDSTRKCMDLKGKHPINSEWQTDNCETCTCYET 53
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RESULT 12
US-10-291-360-2
; Sequence 2, Application US/10291360
; Publication No. US20030119744A1
; GENERAL INFORMATION:
; APPLICANT: PROCTON BIOPHARMA INC.
; TITLE OF INVENTION: PSP-94: Use for Treatment of Hypercalcemia and Bone metastasis
; FILE REFERENCE: 06508-051-US-02
; CURRENT APPLICATION NUMBER: US/10/291,360
; CURRENT FILING DATE: 2002-11-08
; PRIOR APPLICATION NUMBER: CA 2,361,736
; PRIOR FILING DATE: 2001-11-08
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 2
; LENGTH: 102
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: recombinant human PSP94 (rHuPSP94) produced from yeast
US-10-291-360-2
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Query Match          100.0%; Score 268; DB 14; Length 102;
Best Local Similarity 100.0%; Pred. No. 2.5e-26;
Matches 45; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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Qy 1 SCYFIPNEGVPDSTRKCMDLKGKHPINSEWQTDNCETCTCYET 45
Db 9 SCYFIPNEGVPDSTRKCMDLKGKHPINSEWQTDNCETCTCYET 53
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RESULT 13
US-10-857-358-2
; Sequence 2, Application US/10857358
; Publication No. US20050026833A1
; GENERAL INFORMATION:
; APPLICANT: PROCTON BIOPHARMA INC.
; TITLE OF INVENTION: PSP-94: Use for Treatment of Hypercalcemia and Bone metastasis
; FILE REFERENCE: 06508-153
; CURRENT APPLICATION NUMBER: US/10/857,358
; CURRENT FILING DATE: 2004-06-01
; PRIOR APPLICATION NUMBER: CA 2,361,736
; PRIOR FILING DATE: 2001-11-08
; PRIOR APPLICATION NUMBER: US 10/291,360
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; PRIOR FILING DATE: 2002-11-08
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 2
; LENGTH: 102
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: recombinant human PSP94 (rHUSP94) produced from yeast
US-10-857-358-2

Query Match 100.0%; Score 268; DB 17; Length 102;
Best Local Similarity 100.0%; Pred. No. 2.5e-26;
Matches 45; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 SCYFIPNEGVPDSTRKCMDLKGKHPINSEWQTDNCETCTCYET 45
|||
Db 9 SCYFIPNEGVPDSTRKCMDLKGKHPINSEWQTDNCETCTCYET 53

RESULT 14

US-10-948-229-2
; Sequence 2, Application US/10948229
; Publication No. US20050096273a1
; GENERAL INFORMATION:
; APPLICANT: Panchal, Chandra J
; APPLICANT: Daigneault, Luc
; APPLICANT: Hawkins, Robert
; APPLICANT: Ruiz, Marcia
; APPLICANT: Garde, Seema
; TITLE OF INVENTION: REGULATION OF MATRIX METALLOPROTEINASES BY PSP94 FAMILY MEMBERS
; FILE REFERENCE: BKP-022
; CURRENT APPLICATION NUMBER: US/10/948,229
; CURRENT FILING DATE: 2004-09-24
; PRIOR APPLICATION NUMBER: CA 2,441,695
; PRIOR FILING DATE: 2003-09-26
; NUMBER OF SEQ ID NOS: 91
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 2
; LENGTH: 102
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PSP94 derivative
US-10-948-229-2

Query Match 100.0%; Score 268; DB 17; Length 102;
Best Local Similarity 100.0%; Pred. No. 2.5e-26;
Matches 45; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 SCYFIPNEGVPDSTRKCMDLKGKHPINSEWQTDNCETCTCYET 45
|||
Db 9 SCYFIPNEGVPDSTRKCMDLKGKHPINSEWQTDNCETCTCYET 53

RESULT 15

US-11-004-270-2
; Sequence 2, Application US/11004270
; Publication No. US20050147601a1
; GENERAL INFORMATION:
; APPLICANT: Panchal, Chandra J.
; APPLICANT: Wu, Jinzi
; APPLICANT: Beliveau, Richard
; APPLICANT: Ruiz, Marcia
; APPLICANT: Garde, Seema
; APPLICANT: Annabi, Borhane
; APPLICANT: Lamy, Sylvie
; APPLICANT: Bouzeghrane, Mounia
; APPLICANT: Daigneault, Luc
; APPLICANT: Hawkins, Robert
; TITLE OF INVENTION: REGULATION OF CELL MIGRATION AND ADHESION
; FILE REFERENCE: BKP-020
; CURRENT APPLICATION NUMBER: US/11/004,270

; CURRENT FILING DATE: 2004-12-02
; PRIOR APPLICATION NUMBER: US 10/948,229
; PRIOR FILING DATE: 2004-09-24
; PRIOR APPLICATION NUMBER: CA 2,441,695
; PRIOR FILING DATE: 2003-09-26
; NUMBER OF SEQ ID NOS: 99
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 2
; LENGTH: 102
; TYPE: PRT
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: PSP94 family member
US-11-004-270-2

Query Match 100.0%; Score 268; DB 20; Length 102;
Best Local Similarity 100.0%; Pred. No. 2.5e-26;
Matches 45; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 SCYFIPNEGVPDSTRKCMDLKGKHPINSEWQTDNCETCTCYET 45
|||
Db 9 SCYFIPNEGVPDSTRKCMDLKGKHPINSEWQTDNCETCTCYET 53

Search completed: July 27, 2005, 20:06:05
Job time : 84.9273 secs

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GenCore version 5.1.6
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OM protein - protein search, using sw model

Run on: July 27, 2005, 19:08:08 ; Search time 15.3818 Seconds
(without alignments)
145.592 Million cell updates/sec

Title: US-09-977-406a-90

Perfect score: 194

Sequence: 1 EWQTDNCETCTCYETETWQTDNCETCTCYET 30

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 513545 seqs, 74649064 residues

Total number of hits satisfying chosen parameters: 513545

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	110	56.7	94	1	US-07-899-535A-1
2	110	56.7	114	4	US-09-513-999C-7807
3	62	32.0	1045	4	US-09-949-016-11112
4	62	32.0	1172	1	US-08-313-288B-19
5	62	32.0	1172	4	US-09-949-016-6333
6	58.5	30.2	1917	4	US-09-627-650B-5
7	58.5	30.2	1917	4	US-09-436-063C-5
8	58	29.9	290	4	US-09-543-681A-6461
9	58	29.9	466	3	US-09-724-864-44
10	57.5	29.6	39	1	US-08-036-555B-40
11	57.5	29.6	39	1	US-08-469-569-40
12	57.5	29.6	39	1	US-08-249-322A-40
13	57.5	29.6	39	1	US-08-469-526A-40
14	57.5	29.6	39	2	US-08-734-591A-40
15	57.5	29.6	39	2	US-08-469-660-40
16	57.5	29.6	39	3	US-08-735-021-40
17	57.5	29.6	39	3	US-08-734-664A-40
18	57.5	29.6	39	5	PCT-US94-05083C-40
19	57.5	29.6	39	5	PCT-US95-06846A-40
20	57.5	29.6	1036	4	US-09-949-016-6910
21	57.5	29.6	1049	4	US-09-949-016-11522
22	56	28.9	270	4	US-09-270-767-60915
23	56	28.9	584	4	US-09-270-767-45410
24	55.5	28.6	421	4	US-09-806-536A-11
25	54.5	28.1	179	4	US-09-270-767-32787
26	54.5	28.1	179	4	US-09-270-767-48004
27	54.5	28.1	437	3	US-09-073-569-2

28	54.5	28.1	437	4	US-09-830-189C-2	Sequence 2, Appli
29	54	27.8	59	4	US-09-381-546-4	Sequence 4, Appli
30	54	27.8	59	4	US-09-381-546-25	Sequence 25, Appli
31	54	27.8	59	4	US-09-381-546-26	Sequence 26, Appli
32	54	27.8	59	4	US-09-381-546-27	Sequence 27, Appli
33	54	27.8	59	4	US-09-381-546-28	Sequence 28, Appli
34	54	27.8	59	4	US-09-381-546-29	Sequence 29, Appli
35	54	27.8	59	4	US-09-381-546-30	Sequence 30, Appli
36	54	27.8	59	4	US-09-381-546-31	Sequence 31, Appli
37	54	27.8	59	4	US-09-381-546-32	Sequence 32, Appli
38	54	27.8	59	4	US-09-381-546-33	Sequence 33, Appli
39	54	27.8	59	4	US-09-381-546-34	Sequence 34, Appli
40	54	27.8	59	4	US-09-381-546-35	Sequence 35, Appli
41	54	27.8	59	4	US-09-381-546-36	Sequence 36, Appli
42	54	27.8	59	4	US-09-381-546-37	Sequence 37, Appli
43	54	27.8	59	4	US-09-381-546-38	Sequence 38, Appli
44	54	27.8	59	4	US-09-381-546-39	Sequence 39, Appli
45	54	27.8	59	4	US-09-381-546-40	Sequence 40, Appli

ALIGNMENTS

RESULT 1
US-07-899-535A-1
; Sequence 1, Application US/07899535A
; Patent No. 5428011
; GENERAL INFORMATION:
; APPLICANT: Shecht, Anil R.
; APPLICANT: Garde, Seema
; TITLE OF INVENTION: Panchal, Chandra J.
; TITLE OF INVENTION: Pharmaceutical Preparations For
; TITLE OF INVENTION: Inhibiting Tumours Associated With Prostate
; NUMBER OF SEQUENCES: 4
; CORRESPONDENCE ADDRESS:
; ADDRESS: Mr. George Loud
; STREET: 2001 Jefferson Davis Highway, Suite 306
; CITY: Arlington
; STATE: Virginia
; COUNTRY: U.S.A.
; ZIP: 22202
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/899, 535A
; FILING DATE: 16-JUN-1992
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Loud, George A.
; REGISTRATION NUMBER: 25,814
; REFERENCE/DOCKET NUMBER: S&B-A835
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 703-415-0960
; TELEFAX: 703-415-0962
; TELEX: 24 8614
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 94 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; HYPOTHEICAL: NO
; US-07-899-535A-1

Query Match 56.7%; Score 110; DB 1; Length 94;
Best Local Similarity 54.3%; Pred. No. 1.7e-05;
Matches 19; Conservative 2; Mismatches 2; Indels 12; Gaps 1;

Qy 1 EMQDNCETCTCYETE-----WQTDNCE 23
Db 31 EMQDNCETCTCYETEISCTLVSTPVGXDNCQ 65

RESULT 2

US-09-513-999C-7807
; Sequence 7807, Application US/09513999C
; Patent No. 6783961
; GENERAL INFORMATION:
; APPLICANT: Dumas Milne Edwards, J.B.
; APPLICANT: Duclert, A.
; APPLICANT: Giordano, J.Y.
; TITLE OF INVENTION: Expressed Sequence Tags and Encoded Human Proteins.
; Patent No. 6783961
; FILE REFERENCE: 59, US2, REG
; CURRENT APPLICATION NUMBER: US/09/513, 999C
; CURRENT FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/122,487
; PRIOR FILING DATE: 1999-02-26
; NUMBER OF SEQ ID NOS: 36681
; SOFTWARE: Patent.pm
; SEQ ID NO 7807
; LENGTH: 114
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: SIGNAL
; LOCATION: -20...-1
; OTHER INFORMATION: score 9
; OTHER INFORMATION: seq VVIFATFVTLGNA/SC
US-09-513-999C-7807

Query Match 56.7%; Score 110; DB 4; Length 114;
Best Local Similarity 54.3%; Pred. No. 2e-05;
Matches 19; Conservative 2; Mismatches 2; Indels 12; Gaps 1;

Qy 1 EMQDNCETCTCYETE-----WQTDNCE 23
Db 51 EMQDNCETCTCYETEISCTLVSTPVGXDNCQ 85

RESULT 3

US-09-949-016-11112
; Sequence 1112, Application US/09949016
; Patent No. 6812339
; GENERAL INFORMATION:
; APPLICANT: VENTER, J. Craig et al.
; TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
; FILE REFERENCE: CLO01307
; CURRENT APPLICATION NUMBER: US/09/949, 016
; CURRENT FILING DATE: 2000-04-14
; PRIOR APPLICATION NUMBER: 60/241,755
; PRIOR FILING DATE: 2000-10-20
; PRIOR APPLICATION NUMBER: 60/237,768
; PRIOR FILING DATE: 2000-10-03
; PRIOR APPLICATION NUMBER: 60/231,498
; PRIOR FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 207012
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 11112
; LENGTH: 1045
; TYPE: PRT
; ORGANISM: Human
US-09-949-016-11112

Query Match 32.0%; Score 62; DB 4; Length 1045;
Best Local Similarity 39.3%; Pred. No. 31;
Matches 11; Conservative 3; Mismatches 12; Indels 2; Gaps 1;

Db 412 WVVDSCCTTCKKKFKTICHOITCPANC 439

RESULT 4

US-08-313-288B-19
; Sequence 19, Application US/08313288B
; Patent No. 5750502
; GENERAL INFORMATION:
; APPLICANT: Jessell, Thomas M. and Avihu Klar
; TITLE OF INVENTION: CLONING, EXPRESSION AND USES OF A
; TITLE OF INVENTION: NOVEL SECRETED PROTEIN, F-SPONDIN
; NUMBER OF SEQUENCES: 20
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Cooper & Dunham LLP
; STREET: 1185 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: USA
; ZIP: 10036
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/313,288B
; FILING DATE: January 5, 1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: White, John P.
; REGISTRATION NUMBER: 28,678
; REFERENCE/DOCKET NUMBER: 40028-A-PCT-US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 278-0400
; TELEFAX: (212) 391-0526
; TELEX:
; INFORMATION FOR SEQ ID NO: 19:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 1172 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
US-08-313-288B-19

Query Match 32.0%; Score 62; DB 1; Length 1172;
Best Local Similarity 39.3%; Pred. No. 34;
Matches 11; Conservative 3; Mismatches 12; Indels 2; Gaps 1;

Qy 2 WQDNCETCTC--YETEMQDNCETCTC 27
Db 333 WVVDSCCTTCKKKFKTICHOITCPANC 360

RESULT 5

US-09-949-016-6333
; Sequence 6333, Application US/09949016
; Patent No. 6812339
; GENERAL INFORMATION:
; APPLICANT: VENTER, J. Craig et al.
; TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
; FILE REFERENCE: CLO01307
; CURRENT APPLICATION NUMBER: US/09/949, 016
; CURRENT FILING DATE: 2000-04-14
; PRIOR APPLICATION NUMBER: 60/241,755
; PRIOR FILING DATE: 2000-10-20
; PRIOR APPLICATION NUMBER: 60/237,768
; PRIOR FILING DATE: 2000-10-03
; PRIOR APPLICATION NUMBER: 60/231,498
; PRIOR FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 207012
; SOFTWARE: FastSeq for Windows Version 4.0

SEQ ID NO 6333
LENGTH: 1172
TYPE: PRT
ORGANISM: Human
US-09-949-016-6333

Query Match 32.0% Score 62; DB 4; Length 1172;
Best Local Similarity 39.3%; Pred. No. 34;
Matches 11; Conservative 3; Mismatches 12; Indels 2; Gaps 1;

Qy 2 WQDNCCTCTC--YETEMQDNCCTCTC 27
Db 333 WVDSCTTCTCKKFKTCHQITCPATC 360

RESULT 6
US-09-627-650B-5
Sequence 5, Application US/09627650B
Patent No. 6406872
GENERAL INFORMATION:
APPLICANT: Bamber, Bruce
TITLE OF INVENTION: Nematode Neuromuscular Junction GABA Receptors and
FILE REFERENCE: 21101.0009U3
CURRENT FILING DATE: 2000-07-28
PRIOR FILING DATE: 1999-11-08
PRIOR APPLICATION NUMBER: 60/107,727
NUMBER OF SEQ ID NOS: 50
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 5
LENGTH: 1917
TYPE: PRT
ORGANISM: Caenorhabditis elegans
US-09-627-650B-5

Query Match 30.2% Score 58.5; DB 4; Length 1917;
Best Local Similarity 54.2%; Pred. No. 1.3e+02;
Matches 13; Conservative 0; Mismatches 10; Indels 1; Gaps 1;
Qy 4 TDNCCTCTCYETEMQDNCCTCTC 27
Db 61 TTACATCTCTCTGTCTCTC-TCTC 83

RESULT 7
US-09-436-063C-5
Sequence 5, Application US/09436063C
Patent No. 6407210
GENERAL INFORMATION:
APPLICANT: Bamber, Bruce
TITLE OF INVENTION: Nematode Neuromuscular Junction GABA Receptors and
FILE REFERENCE: P-1095corrected
CURRENT FILING DATE: 1999-11-08
PRIOR APPLICATION NUMBER: 60/107727
NUMBER OF SEQ ID NOS: 18
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 5
LENGTH: 1917
TYPE: PRT
ORGANISM: Caenorhabditis elegans
US-09-436-063C-5

Query Match 30.2% Score 58.5; DB 4; Length 1917;
Best Local Similarity 54.2%; Pred. No. 1.3e+02;
Matches 13; Conservative 0; Mismatches 10; Indels 1; Gaps 1;

Qy 4 TDNCCTCTCYETEMQDNCCTCTC 27
Db 61 TTACATCTCTCTGTCTCTC-TCTC 83

RESULT 8
US-09-543-681A-6461
Sequence 6461, Application US/09543681A
Patent No. 6605709
GENERAL INFORMATION:
APPLICANT: GARY BRETON
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PROTEUS MIRABILIS
FILE REFERENCE: 2709.1002-001
CURRENT FILING DATE: 2000-04-05
PRIOR FILING DATE: 1999-04-09
NUMBER OF SEQ ID NOS: 8344
SEQ ID NO 6461
LENGTH: 290
TYPE: PRT
ORGANISM: Proteus mirabilis
US-09-543-681A-6461

Query Match 29.9% Score 58; DB 4; Length 290;
Best Local Similarity 35.1%; Pred. No. 25;
Matches 13; Conservative 3; Mismatches 9; Indels 12; Gaps 3;
Qy 5 DNCCTCTCTCYE-----TEMQDNCCTCTCTCYE 29
Db 50 DNGGCIATCPQALSLQNGVYINWADSCGCDCTCIG 86

RESULT 9
US-09-724-864-44
Sequence 44, Application US/09724864
Patent No. 6380362
GENERAL INFORMATION:
APPLICANT: Watson, James D
TITLE OF INVENTION: Polynucleotides, polypeptides expressed
FILE REFERENCE: 11000.1050U1
CURRENT FILING DATE: 2000-11-28
PRIOR APPLICATION NUMBER: U.S. No. 6380362 60/171,678
NUMBER OF SEQ ID NOS: 72
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 44
LENGTH: 466
TYPE: PRT
ORGANISM: Mouse
US-09-724-864-44

Query Match 29.9% Score 58; DB 3; Length 466;
Best Local Similarity 50.0%; Pred. No. 39;
Matches 11; Conservative 2; Mismatches 7; Indels 2; Gaps 2;
Qy 5 DNCCTCTCTCYE-TEMQDNCCTCTC 25
Db 119 DNCNRCTCHGEGHWCDO-EPC 139

RESULT 10
US-08-036-555B-40
Sequence 40, Application US/08036555B
Patent No. 5530109
GENERAL INFORMATION:
APPLICANT: Goodearl, Andrew; Stroobant, Paul;
APPLICANT: Mingshetti, Luina; Waterfield, Michael; Marchioni, Mark;

```

: APPLICANT: Chen, Maio Su; Hiles, Ian
: TITLE OF INVENTION: Glial Mitogenic Factors, Their
: TITLE OF INVENTION: Preparation and Use
: NUMBER OF SEQUENCES: 184
: CORRESPONDENCE ADDRESSES:
: ADDRESSEE: Felfe & Lynch
: STREET: 805 Third Avenue
: CITY: New York City
: STATE: New York
: COUNTRY: USA
: ZIP: 10022
: COMPUTER READABLE FORM:
: MEDIUM TYPE: Diskette, 5.25 inch, 360 kb storage
: COMPUTER: IBM
: OPERATING SYSTEM: PC-DOS
: SOFTWARE: Wordperfect
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: US/08/036,555B
: FILING DATE: 24-MAR-1993
: CLASSIFICATION: 435
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER: 07/965,173
: FILING DATE: 23-OCT-1992
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER: 07/940,389
: FILING DATE: 03-SEP-1992
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER: 07/907,138
: FILING DATE: 30-JUN-1992
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER: 07/863,703
: FILING DATE: 03-APRIL-1992
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER: U.K. 91 07566.3
: FILING DATE: 10-APRIL-1991
: ATTORNEY/AGENT INFORMATION:
: NAME: Tsai, Christine H.
: REGISTRATION NUMBER: 34,266
: REFERENCE/DOCKET NUMBER: LUD 5250.4
: TELECOMMUNICATION INFORMATION:
: TELEPHONE: (212) 688-9200
: TELEFAX: (212) 838-3884
: INFORMATION FOR SEQ ID NO: 40:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 39
: TYPE: amino acid
: STRANDEDNESS:
: TOPOLOGY: linear
: US-08-036-555B-40

Query Match          29.6%; Score 57.5; DB 1; Length 39;
Best Local Similarity 47.6%; Pred. No. 4.1;
Matches 10; Conservative 0; Mismatches 2; Indels 9; Gaps 1;

QY      7 CECTCYETEMQNDNCCTCTC 27
Db      25 CTCTCTC-----CTTCTC 36

RESULT 11
US-08-469-569-40
: Sequence 40, Application US/08469569
: Patent No. 5606032
: GENERAL INFORMATION:
: APPLICANT: Goodearl, Andrew; Stroobant, Paul;
: APPLICANT: Minghetti, Luisa; Waterfield, Michael; Marchionni, Mark;
: APPLICANT: Chen, Maio Su; Hiles, Ian
: TITLE OF INVENTION: Glial Mitogenic Factors, Their
: TITLE OF INVENTION: Preparation and Use
: NUMBER OF SEQUENCES: 184
: CORRESPONDENCE ADDRESSES:
: ADDRESSEE: Felfe & Lynch
: STREET: 805 Third Avenue
: CITY: New York
: STATE: New York
: COUNTRY: USA
: ZIP: 10022
: COMPUTER READABLE FORM:
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: CITY: New York City
: STATE: New York
: COUNTRY: USA
: ZIP: 10022
: COMPUTER READABLE FORM:
: MEDIUM TYPE: Diskette, 5.25 inch, 360 kb storage
: COMPUTER: IBM
: OPERATING SYSTEM: PC-DOS
: SOFTWARE: Wordperfect
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: US/08/469,569
: FILING DATE: 06-JUN-1995
: CLASSIFICATION: 530
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER: 08/036,555
: FILING DATE: 24-MAR-1993
: APPLICATION NUMBER: 07/965,173
: FILING DATE: 23-OCT-1992
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER: 07/940,389
: FILING DATE: 03-SEP-1992
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER: 07/907,138
: FILING DATE: 30-JUN-1992
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER: 07/863,703
: FILING DATE: 03-APRIL-1992
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER: U.K. 91 07566.3
: FILING DATE: 10-APRIL-1991
: ATTORNEY/AGENT INFORMATION:
: NAME: Tsai, Christine H.
: REGISTRATION NUMBER: 34,266
: REFERENCE/DOCKET NUMBER: LUD 5250.4
: TELECOMMUNICATION INFORMATION:
: TELEPHONE: (212) 688-9200
: TELEFAX: (212) 838-3884
: INFORMATION FOR SEQ ID NO: 40:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 39
: TYPE: amino acid
: STRANDEDNESS:
: TOPOLOGY: linear
: US-08-469-569-40

Query Match          29.6%; Score 57.5; DB 1; Length 39;
Best Local Similarity 47.6%; Pred. No. 4.1;
Matches 10; Conservative 0; Mismatches 2; Indels 9; Gaps 1;

QY      7 CECTCYETEMQNDNCCTCTC 27
Db      25 CTCTCTC-----CTTCTC 36

RESULT 12
US-08-249-322A-40
: Sequence 40, Application US/08249322A
: Patent No. 5716930
: GENERAL INFORMATION:
: APPLICANT: Goodearl, Andrew; Stroobant, Paul;
: APPLICANT: Minghetti, Luisa; Waterfield, Michael; Marchionni, Mark;
: APPLICANT: Chen, Maio Su; Hiles, Ian
: TITLE OF INVENTION: Glial Mitogenic Factors, Their
: TITLE OF INVENTION: Preparation and Use
: NUMBER OF SEQUENCES: 184
: CORRESPONDENCE ADDRESSES:
: ADDRESSEE: Felfe & Lynch
: STREET: 805 Third Avenue
: CITY: New York City
: STATE: New York
: COUNTRY: USA
: ZIP: 10022
: COMPUTER READABLE FORM:
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; MEDIUM TYPE: Diskette, 5.25 inch, 360 kb storage
; COMPUTER: IBM
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WordPerfect
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/249,322A
; FILING DATE: 26-MAY-1994
; CLASSIFICATION: 435
; PRIORITY APPLICATION DATA:
; APPLICATION NUMBER: 08/036,555
; FILING DATE: 24-MAR-1993
; PRIORITY APPLICATION DATA:
; APPLICATION NUMBER: 07/965,173
; FILING DATE: 23-OCT-1992
; PRIORITY APPLICATION DATA:
; APPLICATION NUMBER: 07/940,389
; FILING DATE: 03-SEP-1992
; PRIORITY APPLICATION DATA:
; APPLICATION NUMBER: 07/907,138
; FILING DATE: 30-JUN-1992
; PRIORITY APPLICATION DATA:
; APPLICATION NUMBER: 07/863,703
; FILING DATE: 03-APRIL-1992
; PRIORITY APPLICATION DATA:
; APPLICATION NUMBER: U.K. 91 07566.3
; FILING DATE: 10-APRIL-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Teal, Christine H.
; REGISTRATION NUMBER: 34,266
; REFERENCE/DOCKET NUMBER: LUD 250.4
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 688-9200
; TELEFAX: (212) 838-3884
; INFORMATION FOR SEQ ID NO: 40:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 39
; TYPE: amino acid
; STRANDEDNESS:
; TOPOLOGY: linear
;
US-08-249-322A-40

Query Match          29.6%; Score 57.5; DB 1; Length 39;
Best Local Similarity 47.6%; Pred. No. 4.1;
Matches 10; Conservative 0; Mismatches 2; Indels 9; Gaps 1;

QY      7 CETCTCYETEMQDNCETCTC 27
Db      25 CTTCTC-----CTTCTC 36

RESULT 13
US-08-469-526A-40
; Sequence 40, Application US/08469526A
; Patent No. 5792849
; GENERAL INFORMATION:
; APPLICANT: Goodearl, Andrew
; APPLICANT: Stroobant, Paul
; APPLICANT: Minghetti, Luisa
; APPLICANT: Waterfield, Michael
; APPLICANT: Marchionni, Mark
; APPLICANT: Hiles, Ian
; APPLICANT: Chen, Mao Su
; TITLE OF INVENTION: GLIAL MITOGENIC FACTORS, THEIR
; TITLE OF INVENTION: PREPARATION AND USE
; NUMBER OF SEQUENCES: 187
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Clark & Elbing LLP
; STREET: 176 Federal Street
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02110
; COMPUTER READABLE FORM:

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; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/469,526A
; FILING DATE: 06 June 1995
; CLASSIFICATION: 435
; PRIORITY APPLICATION DATA:
; APPLICATION NUMBER: 08/036,555
; FILING DATE: 24-MAR-1993
; PRIORITY APPLICATION DATA:
; APPLICATION NUMBER: 07/965,173
; FILING DATE: 23-OCT-1992
; PRIORITY APPLICATION DATA:
; APPLICATION NUMBER: 07/940,389
; FILING DATE: 03-SEP-1992
; PRIORITY APPLICATION DATA:
; APPLICATION NUMBER: 07/907,138
; FILING DATE: 03-JUN-1992
; APPLICATION NUMBER: 07/863,703
; FILING DATE: 03-APRIL-1992
; APPLICATION NUMBER: U.K. 91 07566.3
; FILING DATE: 10-APR-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Bieker-Brady, Kristina
; REGISTRATION NUMBER: 39,109
; REFERENCE/DOCKET NUMBER: 04585/00200A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-428-7045
; TELEFAX: 617-428-0200
; INFORMATION FOR SEQ ID NO: 40:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 39
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
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US-08-469-526A-40

Query Match          29.6%; Score 57.5; DB 1; Length 39;
Best Local Similarity 47.6%; Pred. No. 4.1;
Matches 10; Conservative 0; Mismatches 2; Indels 9; Gaps 1;

QY      7 CETCTCYETEMQDNCETCTC 27
Db      25 CTTCTC-----CTTCTC 36

RESULT 14
US-08-734-591A-40
; Sequence 40, Application US/08734591A
; Patent No. 5854220
; GENERAL INFORMATION:
; APPLICANT: Goodearl, Andrew
; APPLICANT: Stroobant, Paul
; APPLICANT: Minghetti, Luisa
; APPLICANT: Waterfield, Michael
; APPLICANT: Hiles, Ian
; APPLICANT: Marchionni, Mark
; APPLICANT: Chen, Mario
; TITLE OF INVENTION: GLIAL MITOGENIC FACTORS, THEIR
; TITLE OF INVENTION: PREPARATION AND USE
; NUMBER OF SEQUENCES: 187
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Clark & Elbing LLP
; STREET: 176 Federal Street
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: U.S.A.
; ZIP: 02110
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; OPERATING SYSTEM: Windows95
; SOFTWARE: WordPerfect (Version 7.0)
; CURRENT APPLICATION DATA:

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APPLICATION NUMBER: US/08/734,591A
FILING DATE: 22-OCT-1996
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/470,335
FILING DATE: 06-JUN-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/036,555
FILING DATE: 03-MAR-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/965,173
FILING DATE: 23-OCT-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/940,389
FILING DATE: 03-SEP-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/907,138
FILING DATE: 30-JUN-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/863,703
FILING DATE: 03-APR-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: UK 91 07566.3
FILING DATE: 10-APR-1991
ATTORNEY/AGENT INFORMATION:
NAME: Bieker-Brady, Kristina
REGISTRATION NUMBER: 39,109
REFERENCE/DOCKET NUMBER: 04585/00200P
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 428-0200
TELEFAX: (617) 428-7045
TELEX:
INFORMATION FOR SEQ ID NO: 40:
SEQUENCE CHARACTERISTICS:
LENGTH: 39
TYPE: amino acid
STRANDEDNESS:
TOPOLOGY: linear
US-08-734-591A-40

Query Match 29.6%; Score 57.5; DB 2; Length 39;
Best Local Similarity 47.6%; Pred. No. 4.1;
Matches 10; Conservative 0; Mismatches 2; Indels 9; Gaps 1;

QY 7 CECTCYETEMQNDNCCTCTC 27
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Db 25 CTTCTC-----CTTCTC 36

RESULT 15
US-08-469-660-40
Sequence 40, Application US/08469660
Patent No. 5876973
GENERAL INFORMATION:
APPLICANT: Gwyne, David I.; Marchionni, Mark;
APPLICANT: McBurney, Robert N.
TITLE OF INVENTION: INHIBITORS OF CELL PROLIFERATION,
TITLE OF INVENTION: THEIR PREPARATION AND USE
NUMBER OF SEQUENCES: 184
CORRESPONDENCE ADDRESSES:
ADDRESSEE: Fish & Richardson
STREET: 225 Franklin Street
CITY: Boston
STATE: Massachusetts
ZIP: 0211-2804
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 5.25 inch, 360 kb storage
COMPUTER: IBM
OPERATING SYSTEM: PC-DOS
SOFTWARE: Wordperfect
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/469,660
FILING DATE:

CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/011,396
FILING DATE: 29-JAN-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/984,085
FILING DATE: 01-DEC-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/951,747
FILING DATE: 25-SEP-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/927,337
FILING DATE: 10-AUG-1992
ATTORNEY/AGENT INFORMATION:
NAME: Clark, Paul T.
REGISTRATION NUMBER: 30,162
REFERENCE/DOCKET NUMBER: 04585/017004
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 542-5070
TELEFAX: 200154
INFORMATION FOR SEQ ID NO: 40:
SEQUENCE CHARACTERISTICS:
LENGTH: 39
TYPE: amino acid
STRANDEDNESS:
TOPOLOGY: linear
US-08-469-660-40

Query Match 29.6%; Score 57.5; DB 2; Length 39;
Best Local Similarity 47.6%; Pred. No. 4.1;
Matches 10; Conservative 0; Mismatches 2; Indels 9; Gaps 1;

QY 7 CECTCYETEMQNDNCCTCTC 27
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Db 25 CTTCTC-----CTTCTC 36

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Job time : 16.3818 secs

GenCore version 5.1.6
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OM protein - protein search, using sw model

Run on: July 27, 2005, 19:20:53 ; Search time 56.6182 Seconds
(without alignments)
206.113 Million cell updates/sec

Title: US-09-977-406A-90

Perfect score: 194
Sequence: 1 EMQDNCETCTCYETEMQDNCETCTCYET 30

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Gapop 10.0 , Gapext 0.5

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Total number of hits satisfying chosen parameters: 1741741

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database :

Published Applications_AA:*
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	194	100.0	30	US-09-977-406A-90	Sequence 90, Appl
2	194	100.0	30	US-10-948-229-89	Sequence 89, Appl
3	194	100.0	30	US-11-004-270-89	Sequence 89, Appl
4	194	100.0	30	US-11-004-273-89	Sequence 89, Appl
5	194	100.0	45	US-09-977-406A-91	Sequence 91, Appl
6	194	100.0	45	US-10-948-229-90	Sequence 90, Appl
7	194	100.0	45	US-11-004-270-80	Sequence 90, Appl
8	194	100.0	45	US-11-004-273-80	Sequence 90, Appl
9	194	100.0	60	US-09-977-406A-92	Sequence 92, Appl
10	194	100.0	60	US-10-948-229-91	Sequence 91, Appl
11	194	100.0	60	US-11-004-270-91	Sequence 91, Appl

12	194	100.0	60	US-11-004-273-91	Sequence 91, Appl
13	110	56.7	35	US-09-977-406A-29	Sequence 29, Appl
14	110	56.7	35	US-10-948-229-28	Sequence 28, Appl
15	110	56.7	35	US-11-004-270-28	Sequence 28, Appl
16	110	56.7	35	US-11-004-273-28	Sequence 28, Appl
17	110	56.7	36	US-09-977-406A-30	Sequence 30, Appl
18	110	56.7	36	US-10-948-229-29	Sequence 29, Appl
19	110	56.7	36	US-11-004-270-29	Sequence 29, Appl
20	110	56.7	36	US-11-004-273-29	Sequence 29, Appl
21	110	56.7	37	US-09-977-406A-31	Sequence 31, Appl
22	110	56.7	37	US-10-948-229-30	Sequence 30, Appl
23	110	56.7	37	US-11-004-270-30	Sequence 30, Appl
24	110	56.7	37	US-11-004-273-30	Sequence 30, Appl
25	110	56.7	38	US-09-977-406A-32	Sequence 32, Appl
26	110	56.7	38	US-10-948-229-31	Sequence 31, Appl
27	110	56.7	38	US-11-004-270-31	Sequence 31, Appl
28	110	56.7	38	US-11-004-273-31	Sequence 31, Appl
29	110	56.7	39	US-09-977-406A-33	Sequence 33, Appl
30	110	56.7	39	US-10-948-229-32	Sequence 32, Appl
31	110	56.7	39	US-11-004-270-32	Sequence 32, Appl
32	110	56.7	40	US-09-977-406A-34	Sequence 34, Appl
33	110	56.7	40	US-10-948-229-33	Sequence 33, Appl
34	110	56.7	40	US-11-004-273-33	Sequence 33, Appl
35	110	56.7	40	US-11-004-270-33	Sequence 33, Appl
36	110	56.7	40	US-11-004-273-33	Sequence 33, Appl
37	110	56.7	41	US-09-977-406A-35	Sequence 35, Appl
38	110	56.7	41	US-10-948-229-34	Sequence 34, Appl
39	110	56.7	41	US-11-004-270-34	Sequence 34, Appl
40	110	56.7	41	US-11-004-273-34	Sequence 34, Appl
41	110	56.7	42	US-09-977-406A-36	Sequence 36, Appl
42	110	56.7	42	US-10-948-229-35	Sequence 35, Appl
43	110	56.7	42	US-11-004-270-35	Sequence 35, Appl
44	110	56.7	42	US-11-004-273-35	Sequence 35, Appl
45	110	56.7	43	US-09-977-406A-37	Sequence 37, Appl

ALIGNMENTS

RESULT 1
US-09-977-406A-90
; Sequence 90, Application US/09977406A
; Publication No. US20030170220A1
; GENERAL INFORMATION:
; APPLICANT: PROCYON BIOPHARMA INC.
; TITLE OF INVENTION: PHARMACEUTICAL PREPARATIONS AND METHODS FOR INHIBITING TUMORS
; FILE REFERENCE: 06508-030-US-03
; CURRENT FILING DATE: 2001-10-15
; PRIOR APPLICATION NUMBER: CA 2,321,256
; PRIOR FILING DATE: 2000-10-16
; PRIOR APPLICATION NUMBER: CA 2,355,334
; PRIOR FILING DATE: 2001-08-20
; NUMBER OF SEQ ID NOS: 92
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 90
; LENGTH: 30
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Polypeptide derived from PCK3145 sequence (polypeptide analog)
US-09-977-406A-90

Query Match 100.0%; Score 194; DB 10; Length 30;
Best Local Similarity 100.0%; Pred. No. 1.5e-14;
Matches 30; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db 1 EMQDNCETCTCYETEMQDNCETCTCYET 30

RESULT 2

US-10-948-229-89
; Sequence 89, Application US/10948229
; Publication No. US20050096273A1
; GENERAL INFORMATION:
; APPLICANT: Panchal, Chandra J
; APPLICANT: Daigneault, Luc
; APPLICANT: Hawkins, Robert
; APPLICANT: Ruiz, Marcia
; APPLICANT: Garde, Seema
; TITLE OF INVENTION: REGULATION OF MATRIX METALLOPROTEINASES BY PSP94 FAMILY MEMBERS
; FILE REFERENCE: BKP-022
; CURRENT APPLICATION NUMBER: US/10/948,229
; CURRENT FILING DATE: 2004-09-24
; PRIOR APPLICATION NUMBER: CA 2,441,695
; PRIOR FILING DATE: 2003-09-26
; NUMBER OF SEQ ID NOS: 91
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 89
; LENGTH: 30
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PSP94 family member
US-10-948-229-89

Query Match 100.0%; Score 194; DB 17; Length 30;
Best Local Similarity 100.0%; Pred. No. 1.5e-14;
Matches 30; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db 1 EMQDNCETCTCYETEMQDNCETCTCYET 30

RESULT 3
US-11-004-270-89
; Sequence 89, Application US/11004270
; Publication No. US20050147601A1
; GENERAL INFORMATION:
; APPLICANT: Panchal, Chandra J.
; APPLICANT: Wu, Jinzi
; APPLICANT: Beliveau, Richard
; APPLICANT: Ruiz, Marcia
; APPLICANT: Garde, Seema
; APPLICANT: Annabi, Borhane
; APPLICANT: Lamy, Sylvie
; APPLICANT: Bouzeghrane, Mounia
; APPLICANT: Daigneault, Luc
; APPLICANT: Hawkins, Robert
; TITLE OF INVENTION: REGULATION OF CELL MIGRATION AND ADHESION
; FILE REFERENCE: BKP-020
; CURRENT APPLICATION NUMBER: US/11/004,270
; CURRENT FILING DATE: 2004-12-02
; PRIOR APPLICATION NUMBER: US 10/948,229
; PRIOR FILING DATE: 2004-09-24
; PRIOR APPLICATION NUMBER: CA 2,441,695
; PRIOR FILING DATE: 2003-09-26
; NUMBER OF SEQ ID NOS: 99
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 89
; LENGTH: 30
; TYPE: PRT
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: PCK3145 derivative
US-11-004-270-89

Query Match 100.0%; Score 194; DB 20; Length 30;
Best Local Similarity 100.0%; Pred. No. 1.5e-14;
Matches 30; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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Db 1 EMQDNCETCTCYETEMQDNCETCTCYET 30

Db 1 EMQDNCETCTCYETEMQDNCETCTCYET 30

RESULT 4
US-11-004-273-89
; Sequence 89, Application US/11004273
; Publication No. US2005014851A1
; GENERAL INFORMATION:
; APPLICANT: Panchal, Chandra J.
; APPLICANT: Wu, Jinzi
; APPLICANT: Beliveau, Richard
; APPLICANT: Ruiz, Marcia
; APPLICANT: Garde, Seema
; APPLICANT: Annabi, Borhane
; APPLICANT: Lamy, Sylvie
; APPLICANT: Bouzeghrane, Mounia
; APPLICANT: Daigneault, Luc
; APPLICANT: Hawkins, Robert
; TITLE OF INVENTION: METHOD AND COMPOSITION FOR TREATMENT OF ANGIOGENESIS
; FILE REFERENCE: BKP-021
; CURRENT APPLICATION NUMBER: US/11/004,273
; CURRENT FILING DATE: 2004-12-02
; PRIOR APPLICATION NUMBER: US 10/948,229
; PRIOR FILING DATE: 2004-09-24
; PRIOR APPLICATION NUMBER: CA 2,441,695
; PRIOR FILING DATE: 2003-09-26
; NUMBER OF SEQ ID NOS: 99
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 89
; LENGTH: 30
; TYPE: PRT
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: PCK3145 derivative
US-11-004-273-89

Query Match 100.0%; Score 194; DB 20; Length 30;
Best Local Similarity 100.0%; Pred. No. 1.5e-14;
Matches 30; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db 1 EMQDNCETCTCYETEMQDNCETCTCYET 30

RESULT 5
US-09-977-406A-91
; Sequence 91, Application US/09977406A
; Publication No. US20030170220A1
; GENERAL INFORMATION:
; APPLICANT: PROCYON BIOPHARMA INC.
; TITLE OF INVENTION: PHARMACEUTICAL PREPARATIONS AND METHODS FOR INHIBITING TUMORS
; FILE REFERENCE: 06508-030-US-03
; CURRENT APPLICATION NUMBER: US/09/977,406A
; CURRENT FILING DATE: 2001-10-15
; PRIOR APPLICATION NUMBER: CA 2,321,256
; PRIOR FILING DATE: 2000-10-16
; PRIOR APPLICATION NUMBER: CA 2,355,334
; PRIOR FILING DATE: 2001-08-20
; NUMBER OF SEQ ID NOS: 92
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 91
; LENGTH: 45
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Polypeptide derived from PCK3145 sequence (polypeptide analog)
US-09-977-406A-91

Query Match 100.0%; Score 194; DB 10; Length 45;
Best Local Similarity 100.0%; Pred. No. 2.2e-14;
Matches 30; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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 Db 1 EMQDNCETCTCYETEMQDNCETCTCYET 30

RESULT 6

US-10-948-229-90
 ; Sequence 90, Application US/10948229
 ; Publication No. US20050096273A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Panchal, Chandra J
 ; APPLICANT: Daigneault, Luc
 ; APPLICANT: Hawkins, Robert
 ; APPLICANT: Ruiz, Marcia
 ; APPLICANT: Garde, Seema
 ; TITLE OF INVENTION: REGULATION OF MATRIX METALLOPROTEINASES BY PSP94 FAMILY MEMBERS
 ; FILE REFERENCE: BKP-022
 ; CURRENT APPLICATION NUMBER: US/10/948,229
 ; CURRENT FILING DATE: 2004-09-24
 ; PRIOR APPLICATION NUMBER: CA 2,441,695
 ; PRIOR FILING DATE: 2003-09-26
 ; NUMBER OF SEQ ID NOS: 91
 ; SOFTWARE: PatentIn version 3.3
 ; SEQ ID NO 90
 ; LENGTH: 45
 ; TYPE: PRT
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: PSP94 family member
 US-10-948-229-90

Query Match 100.0%; Score 194; DB 17; Length 45;
 Best Local Similarity 100.0%; Pred. No. 2.2e-14;
 Matches 30; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 EMQDNCETCTCYETEMQDNCETCTCYET 30
 Db 1 EMQDNCETCTCYETEMQDNCETCTCYET 30

RESULT 7

US-11-004-270-90
 ; Sequence 90, Application US/11004270
 ; Publication No. US20050147601A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Panchal, Chandra J.
 ; APPLICANT: Wu, Jinzi
 ; APPLICANT: Beliveau, Richard
 ; APPLICANT: Ruiz, Marcia
 ; APPLICANT: Garde, Seema
 ; APPLICANT: Annabi, Borhane
 ; APPLICANT: Lamy, Sylvie
 ; APPLICANT: Bouzeghrane, Mounia
 ; APPLICANT: Daigneault, Luc
 ; APPLICANT: Hawkins, Robert
 ; TITLE OF INVENTION: REGULATION OF CELL MIGRATION AND ADHESION
 ; FILE REFERENCE: BKP-020
 ; CURRENT APPLICATION NUMBER: US/11/004,270
 ; CURRENT FILING DATE: 2004-12-02
 ; PRIOR APPLICATION NUMBER: US 10/948,229
 ; PRIOR FILING DATE: 2004-09-24
 ; PRIOR APPLICATION NUMBER: CA 2,441,695
 ; PRIOR FILING DATE: 2003-09-26
 ; NUMBER OF SEQ ID NOS: 99
 ; SOFTWARE: PatentIn version 3.3
 ; SEQ ID NO 90
 ; LENGTH: 45
 ; TYPE: PRT
 ; ORGANISM: Artificial
 ; FEATURE:
 ; OTHER INFORMATION: PCK3145 derivative
 US-11-004-270-90

Query Match 100.0%; Score 194; DB 20; Length 45;
 Best Local Similarity 100.0%; Pred. No. 2.2e-14;
 Matches 30; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 EMQDNCETCTCYETEMQDNCETCTCYET 30
 Db 1 EMQDNCETCTCYETEMQDNCETCTCYET 30

RESULT 8

US-11-004-273-90
 ; Sequence 90, Application US/11004273
 ; Publication No. US20050148514A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Panchal, Chandra J.
 ; APPLICANT: Wu, Jinzi
 ; APPLICANT: Beliveau, Richard
 ; APPLICANT: Ruiz, Marcia
 ; APPLICANT: Garde, Seema
 ; APPLICANT: Annabi, Borhane
 ; APPLICANT: Lamy, Sylvie
 ; APPLICANT: Bouzeghrane, Mounia
 ; APPLICANT: Daigneault, Luc
 ; APPLICANT: Hawkins, Robert
 ; TITLE OF INVENTION: METHOD AND COMPOSITION FOR TREATMENT OF ANGIOGENESIS
 ; FILE REFERENCE: BKP-021
 ; CURRENT APPLICATION NUMBER: US/11/004,273
 ; CURRENT FILING DATE: 2004-12-02
 ; PRIOR APPLICATION NUMBER: US 10/948,229
 ; PRIOR FILING DATE: 2004-09-24
 ; PRIOR APPLICATION NUMBER: CA 2,441,695
 ; PRIOR FILING DATE: 2003-09-26
 ; NUMBER OF SEQ ID NOS: 99
 ; SOFTWARE: PatentIn version 3.3
 ; SEQ ID NO 90
 ; LENGTH: 45
 ; TYPE: PRT
 ; ORGANISM: Artificial
 ; FEATURE:
 ; OTHER INFORMATION: PCK3145 derivative
 US-11-004-273-90

Query Match 100.0%; Score 194; DB 20; Length 45;
 Best Local Similarity 100.0%; Pred. No. 2.2e-14;
 Matches 30; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 EMQDNCETCTCYETEMQDNCETCTCYET 30
 Db 1 EMQDNCETCTCYETEMQDNCETCTCYET 30

RESULT 9

US-09-977-406A-92
 ; Sequence 92, Application US/09977406A
 ; Publication No. US20030170220A1
 ; GENERAL INFORMATION:
 ; APPLICANT: PROCYON BIOPHARMA INC.
 ; TITLE OF INVENTION: PHARMACEUTICAL PREPARATIONS AND METHODS FOR INHIBITING TUMORS
 ; FILE REFERENCE: 06508-030-US-03
 ; CURRENT APPLICATION NUMBER: US/09/977,406A
 ; CURRENT FILING DATE: 2001-10-15
 ; PRIOR APPLICATION NUMBER: CA 2,321,256
 ; PRIOR FILING DATE: 2000-10-16
 ; PRIOR APPLICATION NUMBER: CA 2,355,334
 ; PRIOR FILING DATE: 2001-08-20
 ; NUMBER OF SEQ ID NOS: 92
 ; SOFTWARE: PatentIn version 3.1
 ; SEQ ID NO 92
 ; LENGTH: 60
 ; TYPE: PRT
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Polypeptide derived from PCK3145 sequence (polypeptide analog)
 US-09-977-406A-92

US-09-977-406A-92

Query Match 100.0%; Score 194; DB 10; Length 60;
Best Local Similarity 100.0%; Pred. No. 2,8e-14;
Matches 30; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 EMOTDNCETCTCYETEMOTDNCETCTCYET 30
Db 1 EMOTDNCETCTCYETEMOTDNCETCTCYET 30

RESULT 10

US-10-948-229-91

Sequence 91, Application US/10948229
Publication No. US20050096273A1

GENERAL INFORMATION:

APPLICANT: Panchal, Chandra J

APPLICANT: Daigneault, Luc

APPLICANT: Hawkins, Robert

APPLICANT: Ruiz, Marcia

APPLICANT: Garde, Seema

TITLE OF INVENTION: REGULATION OF MATRIX METALLOPROTEINASES BY PSP94 FAMILY MEMBERS

FILE REFERENCE: BKP-022

CURRENT FILING DATE: 2004-09-24, 229

PRIOR APPLICATION NUMBER: CA 2,441,695

PRIOR FILING DATE: 2003-09-26

NUMBER OF SEQ ID NOS: 91

SOFTWARE: PatentIn version 3.3

SEQ ID NO 91

LENGTH: 60

TYPE: PRT

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: PSP94 family member

US-10-948-229-91

Query Match

Best Local Similarity 100.0%; Score 194; DB 17; Length 60;
Matches 30; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 EMOTDNCETCTCYETEMOTDNCETCTCYET 30
Db 1 EMOTDNCETCTCYETEMOTDNCETCTCYET 30

RESULT 11

US-11-004-270-91

Sequence 91, Application US/11004270
Publication No. US20050147601A1

GENERAL INFORMATION:

APPLICANT: Panchal, Chandra J.

APPLICANT: Wu, Jinzi

APPLICANT: Beliveau, Richard

APPLICANT: Ruiz, Marcia

APPLICANT: Garde, Seema

APPLICANT: Annabi, Borhane

APPLICANT: Amy, Sylvie

APPLICANT: Bouzeghrane, Mounia

APPLICANT: Daigneault, Luc

APPLICANT: Hawkins, Robert

TITLE OF INVENTION: REGULATION OF CELL MIGRATION AND ADHESION

FILE REFERENCE: BKP-020

CURRENT FILING DATE: 2004-12-02

PRIOR APPLICATION NUMBER: US 10/948,229

PRIOR FILING DATE: 2004-09-24

PRIOR APPLICATION NUMBER: CA 2,441,695

NUMBER OF SEQ ID NOS: 99

SOFTWARE: PatentIn version 3.3

SEQ ID NO 91

LENGTH: 60

TYPE: PRT
ORGANISM: Artificial

FEATURE:

OTHER INFORMATION: PCK3145 derivative

US-11-004-270-91

Query Match 100.0%; Score 194; DB 20; Length 60;
Best Local Similarity 100.0%; Pred. No. 2,8e-14;
Matches 30; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 EMOTDNCETCTCYETEMOTDNCETCTCYET 30
Db 1 EMOTDNCETCTCYETEMOTDNCETCTCYET 30

RESULT 12

US-11-004-273-91

Sequence 91, Application US/11004273
Publication No. US20050148514A1

GENERAL INFORMATION:

APPLICANT: Panchal, Chandra J.

APPLICANT: Wu, Jinzi

APPLICANT: Beliveau, Richard

APPLICANT: Ruiz, Marcia

APPLICANT: Garde, Seema

APPLICANT: Annabi, Borhane

APPLICANT: Amy, Sylvie

APPLICANT: Bouzeghrane, Mounia

APPLICANT: Daigneault, Luc

APPLICANT: Hawkins, Robert

TITLE OF INVENTION: METHOD AND COMPOSITION FOR TREATMENT OF ANGIOGENESIS

FILE REFERENCE: BKP-021

CURRENT FILING DATE: 2004-12-02

PRIOR APPLICATION NUMBER: US 10/948,229

PRIOR FILING DATE: 2004-09-24

PRIOR APPLICATION NUMBER: CA 2,441,695

PRIOR FILING DATE: 2003-09-26

NUMBER OF SEQ ID NOS: 99

SOFTWARE: PatentIn version 3.3

SEQ ID NO 91

LENGTH: 60

TYPE: PRT

ORGANISM: Artificial

FEATURE:

OTHER INFORMATION: PCK3145 derivative

US-11-004-273-91

Query Match

Best Local Similarity 100.0%; Score 194; DB 20; Length 60;
Matches 30; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 EMOTDNCETCTCYETEMOTDNCETCTCYET 30
Db 1 EMOTDNCETCTCYETEMOTDNCETCTCYET 30

RESULT 13

US-09-977-406A-29

Sequence 29, Application US/09977406A
Publication No. US20030170220A1

GENERAL INFORMATION:

APPLICANT: PROCYON BIOPHARMA INC.

TITLE OF INVENTION: PHARMACEUTICAL PREPARATIONS AND METHODS FOR INHIBITING TUMORS

FILE REFERENCE: 06508-030-US-03

CURRENT FILING DATE: 2001-10-15

PRIOR APPLICATION NUMBER: US/09/977,406A

PRIOR FILING DATE: 2000-10-16

PRIOR APPLICATION NUMBER: CA 2,355,334

NUMBER OF SEQ ID NOS: 92

SOFTWARE: PatentIn version 3.1

SEQ ID NO 29
LENGTH: 35
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Polypeptide derived from rhuPSP94 sequence (polypeptide analog)
US-09-977-406a-29

Query Match 56.7%; Score 110; DB 10; Length 35;
Best Local Similarity 54.3%; Pred. No. 2.7e-05;
Matches 19; Conservative 2; Mismatches 2; Indels 12; Gaps 1;

QY 1 EMQDNCETCTCYETE-----WQDNCB 23
Db 1 EMQDNCETCTCYETEISCTLVSTPGYDKDNCQ 35

RESULT 14
US-10-948-229-28
Sequence 28, Application US/10948229
Publication No. US2005009673A1
GENERAL INFORMATION:
APPLICANT: Panchal, Chandra J
APPLICANT: Daigneault, Luc
APPLICANT: Hawkins, Robert
APPLICANT: Ruiz, Marcia
APPLICANT: Garde, Seema
TITLE OF INVENTION: REGULATION OF MATRIX METALLOPROTEINASES BY PSP94 FAMILY MEMBERS
FILE REFERENCE: BKP-022
CURRENT APPLICATION NUMBER: US/10/948, 229
CURRENT FILING DATE: 2004-09-24
PRIOR APPLICATION NUMBER: CA 2,441,695
PRIOR FILING DATE: 2003-09-26
NUMBER OF SEQ ID NOS: 91
SOFTWARE: PatentIn version 3.3
SEQ ID NO 28
LENGTH: 35
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: PSP94 family member
US-10-948-229-28

Query Match 56.7%; Score 110; DB 17; Length 35;
Best Local Similarity 54.3%; Pred. No. 2.7e-05;
Matches 19; Conservative 2; Mismatches 2; Indels 12; Gaps 1;

QY 1 EMQDNCETCTCYETE-----WQDNCB 23
Db 1 EMQDNCETCTCYETEISCTLVSTPGYDKDNCQ 35

RESULT 15
US-11-004-270-28
Sequence 28, Application US/11004270
Publication No. US20050147601A1
GENERAL INFORMATION:
APPLICANT: Panchal, Chandra J.
APPLICANT: Wu, Jinzi
APPLICANT: Belliveau, Richard
APPLICANT: Ruiz, Marcia
APPLICANT: Garde, Seema
APPLICANT: Annabi, Borhane
APPLICANT: Lamy, Sylvie
APPLICANT: Bouzeghrane, Mounia
APPLICANT: Daigneault, Luc
APPLICANT: Hawkins, Robert
TITLE OF INVENTION: REGULATION OF CELL MIGRATION AND ADHESION
FILE REFERENCE: BKP-020
CURRENT APPLICATION NUMBER: US/11/004, 270
CURRENT FILING DATE: 2004-12-02
PRIOR APPLICATION NUMBER: US 10/948, 229
PRIOR FILING DATE: 2004-09-24

PRIOR APPLICATION NUMBER: CA 2,441,695
PRIOR FILING DATE: 2003-09-26
NUMBER OF SEQ ID NOS: 99
SOFTWARE: PatentIn version 3.3
SEQ ID NO 28
LENGTH: 35
TYPE: PRT
ORGANISM: Artificial
FEATURE:
OTHER INFORMATION: PCK3145 derivative
US-11-004-270-28

Query Match 56.7%; Score 110; DB 20; Length 35;
Best Local Similarity 54.3%; Pred. No. 2.7e-05;
Matches 19; Conservative 2; Mismatches 2; Indels 12; Gaps 1;

QY 1 EMQDNCETCTCYETE-----WQDNCB 23
Db 1 EMQDNCETCTCYETEISCTLVSTPGYDKDNCQ 35

Search completed: July 27, 2005, 20:06:05
Job time : 56.6182 secs

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OM protein - protein search, using sw model

Run on: July 27, 2005, 19:08:08 ; Search time 23.0727 Seconds
(without alignments)
145.592 Million cell updates/sec

Title: US-09-977-406a-91

Perfect score: 291
Sequence: 1 EWQDNCETCTCYETEMQTD.....TCYETEMQDNCETCTCYET 45

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 513545 seqs, 74649064 residues

Total number of hits satisfying chosen parameters: 513545

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%

Listing first 45 summaries

Database :

Issued Patents AA:*
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2: /cgn2_6/ptodata/1/1aa/5B.COMB.pep:*
3: /cgn2_6/ptodata/1/1aa/6A.COMB.pep:*
4: /cgn2_6/ptodata/1/1aa/6B.COMB.pep:*
5: /cgn2_6/ptodata/1/1aa/PCTUS.COMB.pep:*
6: /cgn2_6/ptodata/1/1aa/BacfilTest.pep:*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	119	40.9	94	US-07-899-535A-1	Sequence 1, Appli
2	119	40.9	114	US-09-513-999C-7807	Sequence 7807, Ap
3	75	25.8	1036	US-09-949-016-6910	Sequence 6910, Ap
4	75	25.8	1049	US-09-949-016-11522	Sequence 11522, A
5	71	24.4	1917	US-09-627-650B-5	Sequence 5, Appli
6	71	24.4	1917	US-09-436-063C-5	Sequence 5, Appli
7	66.5	22.9	1045	US-09-949-016-11112	Sequence 11112, A
8	66.5	22.9	1172	US-08-313-288B-19	Sequence 19, Appl
9	66.5	22.9	1172	US-09-949-016-6333	Sequence 6333, Ap
10	66	22.7	179	US-09-270-767-33787	Sequence 32787, A
11	66	22.7	179	US-09-270-767-48004	Sequence 48004, A
12	66	22.7	801	US-07-906-349A-6	Sequence 6, Appli
13	65.5	22.5	39	US-08-036-555B-40	Sequence 40, Appl
14	65.5	22.5	39	US-08-469-569-40	Sequence 40, Appl
15	65.5	22.5	39	US-08-249-322A-40	Sequence 40, Appl
16	65.5	22.5	39	US-08-469-526A-40	Sequence 40, Appl
17	65.5	22.5	39	US-08-734-591A-40	Sequence 40, Appl
18	65.5	22.5	39	US-08-469-660-40	Sequence 40, Appl
19	65.5	22.5	39	US-08-735-021-40	Sequence 40, Appl
20	65.5	22.5	39	US-08-734-664A-40	Sequence 40, Appl
21	65.5	22.5	39	PCT-US94-05083C-40	Sequence 40, Appl
22	65.5	22.5	39	PCT-US95-06846A-40	Sequence 40, Appl
23	65	22.3	816	US-08-190-802A-54	Sequence 54, Appl
24	65	22.3	816	US-08-477-346-54	Sequence 54, Appl
25	65	22.3	816	US-08-473-089-54	Sequence 54, Appl
26	65	22.3	816	US-08-487-072A-54	Sequence 54, Appl
27	64.5	22.2	100	US-09-252-991A-24179	Sequence 24179, A

28	64.5	22.2	1587	4	US-09-945-583A-10	Sequence 10, Appl
29	64.5	22.2	1587	4	US-09-561-709B-3	Sequence 3, Appli
30	64	22.0	155	1	US-08-468-347-19	Sequence 19, Appl
31	64	22.0	155	2	US-08-467-389-19	Sequence 19, Appl
32	64	22.0	155	2	US-08-779-379-19	Sequence 19, Appl
33	64	22.0	155	2	US-08-469-219-19	Sequence 19, Appl
34	64	22.0	155	3	US-09-228-152-18	Sequence 18, Appl
35	64	22.0	197	1	US-08-468-347-24	Sequence 24, Appl
36	64	22.0	197	2	US-08-467-389-24	Sequence 24, Appl
37	64	22.0	197	2	US-08-779-379-24	Sequence 24, Appl
38	64	22.0	197	2	US-08-469-219-24	Sequence 24, Appl
39	64	22.0	197	3	US-09-228-152-24	Sequence 24, Appl
40	64	22.0	290	4	US-09-543-681A-6461	Sequence 6461, Ap
41	64	22.0	314	2	US-08-460-309-19	Sequence 19, Appl
42	64	22.0	314	2	US-08-125-077-19	Sequence 19, Appl
43	64	22.0	2508	4	US-09-627-650B-7	Sequence 7, Appli
44	64	22.0	2508	4	US-09-436-063C-7	Sequence 7, Appli
45	64	22.0	2544	4	US-09-627-650B-3	Sequence 3, Appli

ALIGNMENTS

RESULT 1
US-07-899-535A-1
; Sequence 1, Application US/07899535A
; Patent No. 5428011
; GENERAL INFORMATION:
; APPLICANT: Sheth, Anil R.
; APPLICANT: Garde, Seema
; APPLICANT: Panchal, Chandra J.
; TITLE OF INVENTION: Pharmaceutical Preparations For
; TITLE OF INVENTION: Inhibiting Tumours Associated With Prostate
; TITLE OF INVENTION: Adenocarcinoma, Stomach Cancer and Breast Cancer.
; NUMBER OF SEQUENCES: 4
; CORRESPONDENCE ADDRESSES:
; ADDRESSEE: Mr. George Loud
; STREET: 2001 Jefferson Davis Highway, Suite 306
; CITY: Arlington
; STATE: Virginia
; COUNTRY: U.S.A.
; ZIP: 22202
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/899,535A
; FILING DATE: 16-JUN-1992
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Loud, George A.
; REGISTRATION NUMBER: 25,814
; REFERENCE/DOCKET NUMBER: S&B-A835
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 703-415-0960
; TELEFAX: 703-415-0962
; TELEX: 24 8614
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 94 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; HYDROTHERMAL: NO
; US-07-899-535A-1

Query Match 40.9%; Score 119; DB 1; Length 94;
Best Local Similarity 40.3%; Pred. No. 1.2e-05;
Matches 25; Conservative 2; Mismatches 5; Indels 30; Gaps 3;

QY 1 EMQDNCETCTCYETE-----WQDNC-----ETC-----TCYET 30
Db 31 EMQDNCETCTCTCYETEISCTLVSTPVGYDKDNCORIFKEDCKYIVVEKKDPKKTCSVS 90
QY 31 EW 32
Db 91 EW 92

RESULT 2
US-09-513-999C-7807
; Sequence 7807, Application US/09513999C
; Patent No. 6783961
; GENERAL INFORMATION:
; APPLICANT: Dumas Milne Edwards, J.B.
; APPLICANT: Duclert, A.
; APPLICANT: Giordano, J.Y.
; TITLE OF INVENTION: Expressed Sequence Tags and Encoded Human Proteins.
; Patent No. 6783961
; FILE REFERENCE: 59.US2.REG
; CURRENT APPLICATION NUMBER: US/09/513,999C
; CURRENT FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/122,487
; PRIOR FILING DATE: 1999-02-26
; NUMBER OF SEQ ID NOS: 36681
; SOFTWARE: Patent.pm
; SEQ ID NO 7807
; LENGTH: 114
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: SIGNAL
; LOCATION: -20...-1
; OTHER INFORMATION: score 9
; OTHER INFORMATION: seq VVIFATFVLGNA/SC
US-09-513-999C-7807

Query Match 40.9%; Score 119; DB 4; Length 114;
Best Local Similarity 40.3%; Pred. No. 1.4e-05;
Matches 25; Conservative 2; Mismatches 5; Indels 30; Gaps 3;

QY 1 EMQDNCETCTCYETE-----WQDNC-----ETC-----TCYET 30
Db 51 EMQDNCETCTCTCYETEISCTLVSTPVGYDKDNCORIFKEDCKYIVVEKKDPKKTCSVS 110
QY 31 EW 32
Db 111 EW 112

RESULT 3
US-09-949-016-6910
; Sequence 6910, Application US/09949016
; Patent No. 6812339
; GENERAL INFORMATION:
; APPLICANT: VENTER, J. Craig et al.
; TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
; FILE REFERENCE: CU001307
; CURRENT APPLICATION NUMBER: US/09/949,016
; CURRENT FILING DATE: 2000-04-14
; PRIOR APPLICATION NUMBER: 60/241,755
; PRIOR FILING DATE: 2000-10-20
; PRIOR APPLICATION NUMBER: 60/237,768
; PRIOR FILING DATE: 2000-10-03
; PRIOR APPLICATION NUMBER: 60/231,498
; PRIOR FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 207012
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 6910
; LENGTH: 1036
; TYPE: PRT
; ORGANISM: Human

US-09-949-016-6910

Query Match 25.8%; Score 75; DB 4; Length 1036;
Best Local Similarity 22.7%; Pred. No. 3.3;
Matches 20; Conservative 6; Mismatches 18; Indels 44; Gaps 4;

QY 2 WQDNCETCTCY-----ETE-----WQDNCETCT----- 26
Db 693 WNDSCQTCTCHSGRVLCETEVCPEPLCQNPSTRDSCCPQCTDQPPRPSLRNNVSNY 752
QY 27 CYETE-----WQDNCETCTCYET 45
Db 753 CKNDEGDIFLAESWKPDVCTSCICIDS 780

RESULT 4
US-09-949-016-11522
; Sequence 11522, Application US/09949016
; Patent No. 6812339
; GENERAL INFORMATION:
; APPLICANT: VENTER, J. Craig et al.
; TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
; FILE REFERENCE: CU001307
; CURRENT APPLICATION NUMBER: US/09/949,016
; CURRENT FILING DATE: 2000-04-14
; PRIOR APPLICATION NUMBER: 60/241,755
; PRIOR FILING DATE: 2000-10-20
; PRIOR APPLICATION NUMBER: 60/237,768
; PRIOR FILING DATE: 2000-10-03
; PRIOR APPLICATION NUMBER: 60/231,498
; PRIOR FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 207012
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 11522
; LENGTH: 1049
; TYPE: PRT
; ORGANISM: Human
US-09-949-016-11522

Query Match 25.8%; Score 75; DB 4; Length 1049;
Best Local Similarity 22.7%; Pred. No. 3.3;
Matches 20; Conservative 6; Mismatches 18; Indels 44; Gaps 4;

QY 2 WQDNCETCTCY-----ETE-----WQDNCETCT----- 26
Db 706 WNDSCQTCTCHSGRVLCETEVCPEPLCQNPSTRDSCCPQCTDQPPRPSLRNNVSNY 765
QY 27 CYETE-----WQDNCETCTCYET 45
Db 766 CKNDEGDIFLAESWKPDVCTSCICIDS 793

RESULT 5
US-09-627-650B-5
; Sequence 5, Application US/09627650B
; Patent No. 6406872
; GENERAL INFORMATION:
; APPLICANT: Jorgensen, Erik
; TITLE OF INVENTION: Nematode Neuromuscular Junction GABA Receptors and
; FILE REFERENCE: 21101.000903
; CURRENT APPLICATION NUMBER: US/09/627,650B
; CURRENT FILING DATE: 2000-07-28
; PRIOR APPLICATION NUMBER: 09/436,063
; PRIOR FILING DATE: 1999-11-08
; PRIOR APPLICATION NUMBER: 60/107,727
; PRIOR FILING DATE: 1998-11-09
; NUMBER OF SEQ ID NOS: 50
; SOFTWARE: Patentln Ver. 2.1
; SEQ ID NO 5
; LENGTH: 1917

TYPE: PRT
ORGANISM: Caenorhabditis elegans
US-09-627-650B-5

Query Match 24.4%; Score 71; DB 4; Length 1917;
Best Local Similarity 44.1%; Pred. No. 15;
Matches 15; Conservative 0; Mismatches 13; Indels 6; Gaps 2;

QY 9 TCTCYETEMQDNCETCTCYETEMQDNCETCTC 42
DB 1823 TCTC-----TTATCTTCTC-AAAGATGCAATCGC 1850

RESULT 6
US-09-436-063C-5
Sequence 5, Application US/09436063C
Patent No. 6407210
GENERAL INFORMATION:
APPLICANT: Bamberg, Bruce
APPLICANT: Jorgensen, Erik
TITLE OF INVENTION: Nematode Neuromuscular Junction GABA Receptors and
FILE REFERENCE: P-1095corrected
CURRENT APPLICATION NUMBER: US/09/436,063C
CURRENT FILING DATE: 1999-11-08
PRIOR APPLICATION NUMBER: 60/107727
PRIOR FILING DATE: 1998-11-09
NUMBER OF SEQ ID NOS: 18
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 5
LENGTH: 1917
TYPE: PRT
ORGANISM: Caenorhabditis elegans
US-09-436-063C-5

Query Match 24.4%; Score 71; DB 4; Length 1917;
Best Local Similarity 44.1%; Pred. No. 15;
Matches 15; Conservative 0; Mismatches 13; Indels 6; Gaps 2;

QY 9 TCTCYETEMQDNCETCTCYETEMQDNCETCTC 42
DB 1823 TCTC-----TTATCTTCTC-AAAGATGCAATCGC 1850

RESULT 7
US-09-949-016-11112
Sequence 11112, Application US/09949016
Patent No. 6812339
GENERAL INFORMATION:
APPLICANT: VENTER, J. Craig et al.
TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
FILE REFERENCE: C1001307
CURRENT APPLICATION NUMBER: US/09/949,016
CURRENT FILING DATE: 2000-04-14
PRIOR APPLICATION NUMBER: 60/241,755
PRIOR FILING DATE: 2000-10-20
PRIOR APPLICATION NUMBER: 60/237,768
PRIOR FILING DATE: 2000-10-03
PRIOR APPLICATION NUMBER: 60/231,498
PRIOR FILING DATE: 2000-09-08
NUMBER OF SEQ ID NOS: 207012
SOFTWARE: PatSeq for Windows Version 4.0
SEQ ID NO 11112
LENGTH: 1045
TYPE: PRT
ORGANISM: Human
US-09-949-016-11112

Query Match 22.9%; Score 66.5; DB 4; Length 1045;
Best Local Similarity 31.0%; Pred. No. 24;
Matches 13; Conservative 7; Mismatches 19; Indels 3; Gaps 2;

QY 2 WQDNCETCTC--YETEMQDNCETCTCYETEM-QDNCETC 40
DB 412 WVDSCCTCTCKKFKTICHOITCPATCASPSPFVGECCPSC 453

RESULT 8
US-08-313-288B-19
Sequence 19, Application US/08313288B
Patent No. 5750502
GENERAL INFORMATION:
APPLICANT: Jessell, Thomas M. and Avihu Klar
TITLE OF INVENTION: CLONING, EXPRESSION AND USES OF A
NUMBER OF SEQUENCES: 20
CORRESPONDENCE ADDRESSES:
ADDRESSEE: Cooper & Dunham LLP
STREET: 1185 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: USA
ZIP: 10036
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/313,288B
FILING DATE: January 5, 1995
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: White, John P.
REGISTRATION NUMBER: 28,678
REFERENCE/DOCKET NUMBER: 40028-A-PCT-US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 278-0400
TELEFAX: (212) 391-0526
TELEX:
INFORMATION FOR SEQ ID NO: 19:
SEQUENCE CHARACTERISTICS:
LENGTH: 1172 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
US-08-313-288B-19

Query Match 22.9%; Score 66.5; DB 1; Length 1172;
Best Local Similarity 31.0%; Pred. No. 27;
Matches 13; Conservative 7; Mismatches 19; Indels 3; Gaps 2;

QY 2 WQDNCETCTC--YETEMQDNCETCTCYETEM-QDNCETC 40
DB 333 WVDSCCTCTCKKFKTICHOITCPATCASPSPFVGECCPSC 374

RESULT 9
US-09-949-016-6333
Sequence 6333, Application US/09949016
Patent No. 6812339
GENERAL INFORMATION:
APPLICANT: VENTER, J. Craig et al.
TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
FILE REFERENCE: C1001307
CURRENT APPLICATION NUMBER: US/09/949,016
CURRENT FILING DATE: 2000-04-14
PRIOR APPLICATION NUMBER: 60/241,755
PRIOR FILING DATE: 2000-10-20
PRIOR APPLICATION NUMBER: 60/237,768
PRIOR FILING DATE: 2000-10-03
PRIOR APPLICATION NUMBER: 60/231,498
PRIOR FILING DATE: 2000-09-08


```

; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/036,555B
; FILING DATE: 24-MAR-1993
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/965,173
; FILING DATE: 23-OCT-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/940,389
; FILING DATE: 03-SEP-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/907,138
; FILING DATE: 30-JUN-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/863,703
; FILING DATE: 03-APRIL-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: U.K. 91 07566.3
; FILING DATE: 10-APRIL-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Tsai, Christine H.
; REGISTRATION NUMBER: 34,266
; REFERENCE/DOCKET NUMBER: LUD 5250.4
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 688-9200
; TELEFAX: (212) 838-3884
; INFORMATION FOR SEQ ID NO: 40:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 39
; TYPE: amino acid
; STRANDEDNESS:
; TOPOLOGY: linear
;
US-08-036-555B-40

Query Match 22.5%; Score 65.5; DB 1; Length 39;
Best Local Similarity 38.2%; Pred. No. 1.4;
Matches 13; Conservative 0; Mismatches 12; Indels 9; Gaps 1;

Cy 9 TCTCYETEMQDNCETCTCYETEMQDNCETCTC 42
Db 12 TCACRCAGAGGCTTCTC-----CTTCTC 36

RESULT 14
US-08-469-569-40
; Sequence 40, Application US/08469569
; Patent No. 5606032
; GENERAL INFORMATION:
; APPLICANT: Goodearl, Andrew; Stroobant, Paul;
; APPLICANT: Minghetti, Luisa; Waterfield, Michael; Marchionni, Mark;
; APPLICANT: Chen, Miao Su; Hiles, Ian
; TITLE OF INVENTION: Glial Mitogenic Factors, Their
; TITLE OF INVENTION: Preparation and Use
; NUMBER OF SEQUENCES: 184
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Felfe & Lynch
; STREET: 805 Third Avenue
; CITY: New York City
; STATE: New York
; COUNTRY: USA
; ZIP: 10022
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 5.25 inch, 360 kb storage
; COMPUTER: IBM
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: Wordperfect
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/469,569
; FILING DATE: 06-JUN-1995
; CLASSIFICATION: 530
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/036,555
; FILING DATE: 24-MAR-1993
```

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; APPLICATION NUMBER: 07/965,173
; FILING DATE: 23-OCT-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/940,389
; FILING DATE: 03-SEP-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/907,138
; FILING DATE: 30-JUN-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/863,703
; FILING DATE: 03-APRIL-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: U.K. 91 07566.3
; FILING DATE: 10-APRIL-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Tsai, Christine H.
; REGISTRATION NUMBER: 34,266
; REFERENCE/DOCKET NUMBER: LUD 5250.4
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 688-9200
; TELEFAX: (212) 838-3884
; INFORMATION FOR SEQ ID NO: 40:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 39
; TYPE: amino acid
; STRANDEDNESS:
; TOPOLOGY: linear
;
US-08-469-569-40

Query Match 22.5%; Score 65.5; DB 1; Length 39;
Best Local Similarity 38.2%; Pred. No. 1.4;
Matches 13; Conservative 0; Mismatches 12; Indels 9; Gaps 1;

Cy 9 TCTCYETEMQDNCETCTCYETEMQDNCETCTC 42
Db 12 TCACRCAGAGGCTTCTC-----CTTCTC 36

RESULT 15
US-08-249-322A-40
; Sequence 40, Application US/08249322A
; Patent No. 5716930
; GENERAL INFORMATION:
; APPLICANT: Goodearl, Andrew; Stroobant, Paul;
; APPLICANT: Minghetti, Luisa; Waterfield, Michael; Marchionni, Mark;
; APPLICANT: Chen, Miao Su; Hiles, Ian
; TITLE OF INVENTION: Glial Mitogenic Factors, Their
; TITLE OF INVENTION: Preparation and Use
; NUMBER OF SEQUENCES: 184
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Felfe & Lynch
; STREET: 805 Third Avenue
; CITY: New York City
; STATE: New York
; COUNTRY: USA
; ZIP: 10022
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 5.25 inch, 360 kb storage
; COMPUTER: IBM
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: Wordperfect
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/249,322A
; FILING DATE: 26-MAY-1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/036,555
; FILING DATE: 24-MAR-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/965,173
; FILING DATE: 23-OCT-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/940,389
```


US-10-948-229-90
; Sequence 90, Application US/10948229
; Publication No. US20050096273A1
; GENERAL INFORMATION:
; APPLICANT: Panchal, Chandra J
; APPLICANT: Daigneault, Luc
; APPLICANT: Hawkins, Robert
; APPLICANT: Ruiz, Marcia
; APPLICANT: Garde, Seema
; TITLE OF INVENTION: REGULATION OF MATRIX METALLOPROTEINASES BY PSP94 FAMILY MEMBERS
; FILE REFERENCE: BKP-022
; CURRENT APPLICATION NUMBER: US/10/948, 229
; CURRENT FILING DATE: 2004-09-24
; PRIOR APPLICATION NUMBER: CA 2,441,695
; PRIOR FILING DATE: 2003-09-26
; NUMBER OF SEQ ID NOS: 91
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 90
; LENGTH: 45
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PSP94 family member
US-10-948-229-90

Query Match 100.0%; Score 291; DB 17; Length 45;
Best Local Similarity 100.0%; Pred. No. 1.3e-22;
Matches 45; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 EMOTNCETCTCYETEMQNDNCETCTCYETEMQNDNCETCTCYET
Db 1 EMOTNCETCTCYETEMQNDNCETCTCYETEMQNDNCETCTCYET 45

RESULT 3
US-11-004-270-90
; Sequence 90, Application US/11004270
; Publication No. US20050147601A1
; GENERAL INFORMATION:
; APPLICANT: Panchal, Chandra J.
; APPLICANT: Wu, Jinzi
; APPLICANT: Beliveau, Richard
; APPLICANT: Ruiz, Marcia
; APPLICANT: Garde, Seema
; APPLICANT: Annabi, Borhane
; APPLICANT: Lamy, Sylvie
; APPLICANT: Bouzeghrane, Mounia
; APPLICANT: Daigneault, Luc
; APPLICANT: Hawkins, Robert
; TITLE OF INVENTION: REGULATION OF CELL MIGRATION AND ADHESION
; FILE REFERENCE: BKP-020
; CURRENT APPLICATION NUMBER: US/11/004, 270
; CURRENT FILING DATE: 2004-12-02
; PRIOR APPLICATION NUMBER: US 10/948,229
; PRIOR FILING DATE: 2004-09-24
; PRIOR APPLICATION NUMBER: CA 2,441,695
; PRIOR FILING DATE: 2003-09-26
; NUMBER OF SEQ ID NOS: 99
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 90
; LENGTH: 45
; TYPE: PRT
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: PCK3145 derivative
US-11-004-270-90

Query Match 100.0%; Score 291; DB 20; Length 45;
Best Local Similarity 100.0%; Pred. No. 1.3e-22;
Matches 45; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 EMOTNCETCTCYETEMQNDNCETCTCYETEMQNDNCETCTCYET
Db 1 EMOTNCETCTCYETEMQNDNCETCTCYETEMQNDNCETCTCYET 45

Db 1 EMOTNCETCTCYETEMQNDNCETCTCYETEMQNDNCETCTCYET 45

RESULT 4
US-11-004-273-90
; Sequence 90, Application US/11004273
; Publication No. US20050148514A1
; GENERAL INFORMATION:
; APPLICANT: Panchal, Chandra J.
; APPLICANT: Wu, Jinzi
; APPLICANT: Beliveau, Richard
; APPLICANT: Ruiz, Marcia
; APPLICANT: Garde, Seema
; APPLICANT: Annabi, Borhane
; APPLICANT: Lamy, Sylvie
; APPLICANT: Bouzeghrane, Mounia
; APPLICANT: Daigneault, Luc
; APPLICANT: Hawkins, Robert
; TITLE OF INVENTION: METHOD AND COMPOSITION FOR TREATMENT OF ANGIOGENESIS
; FILE REFERENCE: BKP-021
; CURRENT APPLICATION NUMBER: US/11/004, 273
; CURRENT FILING DATE: 2004-12-02
; PRIOR APPLICATION NUMBER: US 10/948,229
; PRIOR FILING DATE: 2004-09-24
; PRIOR APPLICATION NUMBER: CA 2,441,695
; PRIOR FILING DATE: 2003-09-26
; NUMBER OF SEQ ID NOS: 99
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 90
; LENGTH: 45
; TYPE: PRT
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: PCK3145 derivative
US-11-004-273-90

Query Match 100.0%; Score 291; DB 20; Length 45;
Best Local Similarity 100.0%; Pred. No. 1.3e-22;
Matches 45; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 EMOTNCETCTCYETEMQNDNCETCTCYETEMQNDNCETCTCYET
Db 1 EMOTNCETCTCYETEMQNDNCETCTCYETEMQNDNCETCTCYET 45

RESULT 5
US-09-977-406A-92
; Sequence 92, Application US/09977406A
; Publication No. US20030170220A1
; GENERAL INFORMATION:
; APPLICANT: PROCYON BIOPHARMA INC.
; TITLE OF INVENTION: PHARMACEUTICAL PREPARATIONS AND METHODS FOR INHIBITING TUMORS
; FILE REFERENCE: 06508-030-US-03
; CURRENT APPLICATION NUMBER: US/09/977, 406A
; CURRENT FILING DATE: 2001-10-15
; PRIOR APPLICATION NUMBER: CA 2,321,256
; PRIOR FILING DATE: 2000-10-16
; PRIOR APPLICATION NUMBER: CA 2,355,334
; PRIOR FILING DATE: 2001-08-20
; NUMBER OF SEQ ID NOS: 92
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 92
; LENGTH: 60
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Polypeptide derived from PCK3145 sequence (polypeptide analog)
US-09-977-406A-92

Query Match 100.0%; Score 291; DB 10; Length 60;
Best Local Similarity 100.0%; Pred. No. 1.6e-22;
Matches 45; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 EMQDNCETCTCYETEMQDNCETCTCYETEMQDNCETCTCYET 45
Db 1 EMQDNCETCTCYETEMQDNCETCTCYETEMQDNCETCTCYET 45

RESULT 6

US-10-948-229-91
; Sequence 91, Application US/10948229
; Publication No. US20050096273A1
; GENERAL INFORMATION:
; APPLICANT: Panchal, Chandra J
; APPLICANT: Daigneault, Luc
; APPLICANT: Hawkins, Robert
; APPLICANT: Ruiz, Marcia
; APPLICANT: Garde, Seema
; TITLE OF INVENTION: REGULATION OF MATRIX METALLOPROTEINASES BY PSP94 FAMILY MEMBERS
; FILE REFERENCE: BKP-022
; CURRENT FILING DATE: 2004-09-24
; PRIOR APPLICATION NUMBER: CA 2,441,695
; PRIOR FILING DATE: 2003-09-26
; NUMBER OF SEQ ID NOS: 91
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 91
; LENGTH: 60
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PSP94 family member
US-10-948-229-91

Query Match 100.0%; Score 291; DB 17; Length 60;
Best Local Similarity 100.0%; Pred. No. 1.6e-22;
Matches 45; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 EMQDNCETCTCYETEMQDNCETCTCYETEMQDNCETCTCYET 45
Db 1 EMQDNCETCTCYETEMQDNCETCTCYETEMQDNCETCTCYET 45

RESULT 7

US-11-004-270-91
; Sequence 91, Application US/11004270
; Publication No. US20050147601A1
; GENERAL INFORMATION:
; APPLICANT: Panchal, Chandra J.
; APPLICANT: Wu, Jinzi
; APPLICANT: Bellevue, Richard
; APPLICANT: Ruiz, Marcia
; APPLICANT: Garde, Seema
; APPLICANT: Annabi, Borhane
; APPLICANT: Lamy, Sylvie
; APPLICANT: Bouzeghrane, Mounia
; APPLICANT: Daigneault, Luc
; APPLICANT: Hawkins, Robert
; TITLE OF INVENTION: REGULATION OF CELL MIGRATION AND ADHESION
; FILE REFERENCE: BKP-020
; CURRENT FILING DATE: 2004-12-02
; PRIOR APPLICATION NUMBER: US 10/948,229
; PRIOR FILING DATE: 2004-09-24
; PRIOR APPLICATION NUMBER: CA 2,441,695
; PRIOR FILING DATE: 2003-09-26
; NUMBER OF SEQ ID NOS: 99
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 91
; LENGTH: 60
; TYPE: PRT
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: PCK3145 derivative
US-11-004-270-91

Query Match 100.0%; Score 291; DB 20; Length 60;
Best Local Similarity 100.0%; Pred. No. 1.6e-22;
Matches 45; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 EMQDNCETCTCYETEMQDNCETCTCYETEMQDNCETCTCYET 45
Db 1 EMQDNCETCTCYETEMQDNCETCTCYETEMQDNCETCTCYET 45

RESULT 8

US-11-004-273-91
; Sequence 91, Application US/11004273
; Publication No. US20050148514A1
; GENERAL INFORMATION:
; APPLICANT: Panchal, Chandra J.
; APPLICANT: Wu, Jinzi
; APPLICANT: Bellevue, Richard
; APPLICANT: Ruiz, Marcia
; APPLICANT: Garde, Seema
; APPLICANT: Annabi, Borhane
; APPLICANT: Lamy, Sylvie
; APPLICANT: Bouzeghrane, Mounia
; APPLICANT: Daigneault, Luc
; APPLICANT: Hawkins, Robert
; TITLE OF INVENTION: METHOD AND COMPOSITION FOR TREATMENT OF ANGIOGENESIS
; FILE REFERENCE: BKP-021
; CURRENT FILING DATE: 2004-12-02
; PRIOR APPLICATION NUMBER: US 10/948,229
; PRIOR FILING DATE: 2004-09-24
; PRIOR APPLICATION NUMBER: CA 2,441,695
; PRIOR FILING DATE: 2003-09-26
; NUMBER OF SEQ ID NOS: 99
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 91
; LENGTH: 60
; TYPE: PRT
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: PCK3145 derivative
US-11-004-273-91

Query Match 100.0%; Score 291; DB 20; Length 60;
Best Local Similarity 100.0%; Pred. No. 1.6e-22;
Matches 45; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 EMQDNCETCTCYETEMQDNCETCTCYETEMQDNCETCTCYET 45
Db 1 EMQDNCETCTCYETEMQDNCETCTCYETEMQDNCETCTCYET 45

RESULT 9

US-09-977-406a-90
; Sequence 90, Application US/09977406A
; Publication No. US20030170220A1
; GENERAL INFORMATION:
; APPLICANT: PROCOON BIOPHARMA INC.
; TITLE OF INVENTION: PHARMACEUTICAL PREPARATIONS AND METHODS FOR INHIBITING TUMORS
; FILE REFERENCE: 06508-030-US-03
; CURRENT FILING DATE: 2001-10-15
; PRIOR APPLICATION NUMBER: US/09/977,406A
; PRIOR FILING DATE: 2000-10-16
; PRIOR APPLICATION NUMBER: CA 2,321,256
; PRIOR FILING DATE: 2000-08-20
; PRIOR APPLICATION NUMBER: CA 2,355,334
; NUMBER OF SEQ ID NOS: 92
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 90
; LENGTH: 30
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Polypeptide derived from PCK3145 sequence (polypeptide analog)
US-09-977-406a-90

US-09-977-406a-90

Query Match 66.7%; Score 194; DB 10; Length 30;
Best Local Similarity 100.0%; Pred. No. 5.5e-13;
Matches 30; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 EMQDNCETCTCYETEMQDNCETCTCYET 30
Db 1 EMQDNCETCTCYETEMQDNCETCTCYET 30

RESULT 10
US-10-948-229-89

; Sequence 89, Application US/10948229
; Publication No. US20050096273A1
; GENERAL INFORMATION:
; APPLICANT: Panchal, Chandra J
; APPLICANT: Daigneault, Luc
; APPLICANT: Hawkins, Robert
; APPLICANT: Ruiz, Marcia
; APPLICANT: Garde, Seema
; TITLE OF INVENTION: REGULATION OF MATRIX METALLOPROTEINASES BY PSP94 FAMILY MEMBERS
; FILE REFERENCE: BKP-022
; CURRENT APPLICATION NUMBER: US/10/948,229
; PRIOR FILING DATE: 2004-09-24
; PRIOR APPLICATION NUMBER: CA 2,441,695
; PRIOR FILING DATE: 2003-09-26
; NUMBER OF SEQ ID NOS: 91
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 89
; LENGTH: 30
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PSP94 family member
US-10-948-229-89

Query Match 66.7%; Score 194; DB 17; Length 30;
Best Local Similarity 100.0%; Pred. No. 5.5e-13;
Matches 30; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 EMQDNCETCTCYETEMQDNCETCTCYET 30
Db 1 EMQDNCETCTCYETEMQDNCETCTCYET 30

RESULT 11
US-11-004-270-89

; Sequence 89, Application US/11004270
; Publication No. US20050147601A1
; GENERAL INFORMATION:
; APPLICANT: Panchal, Chandra J.
; APPLICANT: Wu, Jinzi
; APPLICANT: Bellevue, Richard
; APPLICANT: Ruiz, Marcia
; APPLICANT: Garde, Seema
; APPLICANT: Annabi, Borhane
; APPLICANT: Lamy, Sylvie
; APPLICANT: Bouzeghrane, Mounia
; APPLICANT: Daigneault, Luc
; APPLICANT: Hawkins, Robert
; TITLE OF INVENTION: REGULATION OF CELL MIGRATION AND ADHESION
; FILE REFERENCE: BKP-020
; CURRENT APPLICATION NUMBER: US/11/004,270
; PRIOR FILING DATE: 2004-12-02
; PRIOR APPLICATION NUMBER: US 10/948,229
; PRIOR FILING DATE: 2004-09-24
; PRIOR APPLICATION NUMBER: CA 2,441,695
; NUMBER OF SEQ ID NOS: 99
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 89
; LENGTH: 30

; TYPE: PRT
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: PCK3145 derivative
US-11-004-270-89

Query Match 66.7%; Score 194; DB 20; Length 30;
Best Local Similarity 100.0%; Pred. No. 5.5e-13;
Matches 30; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 EMQDNCETCTCYETEMQDNCETCTCYET 30
Db 1 EMQDNCETCTCYETEMQDNCETCTCYET 30

RESULT 12
US-11-004-273-89

; Sequence 89, Application US/11004273
; Publication No. US2005014851A1
; GENERAL INFORMATION:
; APPLICANT: Panchal, Chandra J.
; APPLICANT: Wu, Jinzi
; APPLICANT: Bellevue, Richard
; APPLICANT: Ruiz, Marcia
; APPLICANT: Garde, Seema
; APPLICANT: Annabi, Borhane
; APPLICANT: Lamy, Sylvie
; APPLICANT: Bouzeghrane, Mounia
; APPLICANT: Daigneault, Luc
; APPLICANT: Hawkins, Robert
; TITLE OF INVENTION: METHOD AND COMPOSITION FOR TREATMENT OF ANGIOGENESIS
; FILE REFERENCE: BKP-021
; CURRENT APPLICATION NUMBER: US/11/004,273
; PRIOR FILING DATE: 2004-12-02
; PRIOR APPLICATION NUMBER: US 10/948,229
; PRIOR FILING DATE: 2004-09-24
; PRIOR APPLICATION NUMBER: CA 2,441,695
; PRIOR FILING DATE: 2003-09-26
; NUMBER OF SEQ ID NOS: 99
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 89
; LENGTH: 30
; TYPE: PRT
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: PCK3145 derivative
US-11-004-273-89

Query Match 66.7%; Score 194; DB 20; Length 30;
Best Local Similarity 100.0%; Pred. No. 5.5e-13;
Matches 30; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 EMQDNCETCTCYETEMQDNCETCTCYET 30
Db 1 EMQDNCETCTCYETEMQDNCETCTCYET 30

RESULT 13
US-10-291-172-612

; Sequence 612, Application US/10291172
; Publication No. US20030228584A1
; GENERAL INFORMATION:
; APPLICANT: Hyseq, Inc
; TITLE OF INVENTION: No. US20030228584A1el Nucleic Acids and Polypeptides
; FILE REFERENCE: 21272-045
; CURRENT APPLICATION NUMBER: US/10/291,172
; PRIOR FILING DATE: 2000-11-08
; PRIOR APPLICATION NUMBER: 09/693,267
; PRIOR FILING DATE: 2000-10-20
; PRIOR APPLICATION NUMBER: 09/665,363
; PRIOR FILING DATE: 2000-09-19
; PRIOR APPLICATION NUMBER: 09/616,847
; PRIOR FILING DATE: 2000-07-14

;; PRIOR APPLICATION NUMBER: 09/596,193
;; PRIOR FILING DATE: 2000-06-17
;; PRIOR APPLICATION NUMBER: 09/574,454
;; PRIOR FILING DATE: 2000-05-19
;; PRIOR APPLICATION NUMBER: 09/519,705
;; PRIOR FILING DATE: 2000-03-07
;; NUMBER OF SEQ ID NOS: 752
;; SEQ ID NO 612
;; LENGTH: 119
;; TYPE: PRT
;; ORGANISM: Homo sapiens
US-10-291-172-612

Query Match 43.3%; Score 126; DB 15; Length 119;
Best Local Similarity 38.2%; Pred. No. 1.3e-05;
Matches 26; Conservative 3; Mismatches 7; Indels 32; Gaps 2;

QY 1 EMQDNCETCTCYETE-----WQDNCETC-----TCY 28
|||
Db 51 EMQDNCETCTCYETEISCTLVSTPVGVDKXNCQRIFOEGRLAMYIIVEKKGPQKKTCP 110
:|||||
QY 29 ETEWQTDN 36
:|||||
Db 111 VSEWQTDN 118

RESULT 14
US-10-221-278-612
;; Sequence 612, Application US/10221278
;; Publication No. US20040034208a1
;; GENERAL INFORMATION:
;; APPLICANT: Hyseq, Inc
;; TITLE OF INVENTION: No. US20040034208a1e1 Nucleic Acids and Polypeptides
;; FILE REFERENCE: 21272-045
;; CURRENT APPLICATION NUMBER: US/10/221,278
;; CURRENT FILING DATE: 2002-09-06
;; PRIOR APPLICATION NUMBER: 09/693,267
;; PRIOR FILING DATE: 2000-10-20
;; PRIOR APPLICATION NUMBER: 09/665,363
;; PRIOR FILING DATE: 2000-09-19
;; PRIOR APPLICATION NUMBER: 09/616,847
;; PRIOR FILING DATE: 2000-07-14
;; PRIOR APPLICATION NUMBER: 09/596,193
;; PRIOR FILING DATE: 2000-06-17
;; PRIOR APPLICATION NUMBER: 09/574,454
;; PRIOR FILING DATE: 2000-05-19
;; PRIOR APPLICATION NUMBER: 09/519,705
;; PRIOR FILING DATE: 2000-03-07
;; NUMBER OF SEQ ID NOS: 752
;; SEQ ID NO 612
;; LENGTH: 119
;; TYPE: PRT
;; ORGANISM: Homo sapiens
US-10-221-278-612

Query Match 43.3%; Score 126; DB 15; Length 119;
Best Local Similarity 38.2%; Pred. No. 1.3e-05;
Matches 26; Conservative 3; Mismatches 7; Indels 32; Gaps 2;

QY 1 EMQDNCETCTCYETE-----WQDNCETC-----TCY 28
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Db 51 EMQDNCETCTCYETEISCTLVSTPVGVDKXNCQRIFOEGRLAMYIIVEKKGPQKKTCP 110
:|||||
QY 29 ETEWQTDN 36
:|||||
Db 111 VSEWQTDN 118

RESULT 15
US-09-977-406a-56
;; Sequence 56, Application US/09977406A
;; Publication No. US20030170220a1
;; GENERAL INFORMATION:

;; APPLICANT: PROCYON BIOPHARMA INC.
;; TITLE OF INVENTION: PHARMACEUTICAL PREPARATIONS AND METHODS FOR INHIBITING TUMORS
;; FILE REFERENCE: 06508-030-US-03
;; CURRENT APPLICATION NUMBER: US/09/977,406A
;; CURRENT FILING DATE: 2001-10-15
;; PRIOR APPLICATION NUMBER: CA 2,321,256
;; PRIOR FILING DATE: 2000-10-16
;; PRIOR APPLICATION NUMBER: CA 2,355,334
;; PRIOR FILING DATE: 2001-08-20
;; NUMBER OF SEQ ID NOS: 92
;; SOFTWARE: PatentIn version 3.1
;; SEQ ID NO 56
;; LENGTH: 62
;; TYPE: PRT
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: Polypeptide derived from rHUSP94 sequence (polypeptide analog)
US-09-977-406a-56

Query Match 40.9%; Score 119; DB 10; Length 62;
Best Local Similarity 40.3%; Pred. No. 3.8e-05;
Matches 25; Conservative 2; Mismatches 5; Indels 30; Gaps 3;

QY 1 EMQDNCETCTCYETE-----WQDNC-----ETC-----TCYET 30
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Db 1 EMQDNCETCTCYETEISCTLVSTPVGVDKXNCQRIFKEDCKYIIVEKKDPKKTCSVS 60
:|||||
QY 31 EW 32
:|||
Db 61 EW 62

Search completed: July 27, 2005, 20:06:06
Job time : 85.9273 secs

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GenCore version 5.1.6
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OM protein - protein search, using sw model

Run on: July 27, 2005, 19:08:08 ; Search time 30.7636 Seconds

(without alignments)
145.592 Million cell updates/sec

Title: US-09-977-406A-92

Perfect score: 388

Sequence: 1 EMQDNCCTCTCYETEMQTD.....TCYETEMQDNCCTCTCYET 60

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 513545 seqs, 74649064 residues

Total number of hits satisfying chosen parameters: 513545

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	125.5	32.3	94	US-07-899-535A-1	Sequence 1, Appli
2	125.5	32.3	114	US-09-513-999C-7807	Sequence 7807, Ap
3	86	22.2	1917	US-09-627-650B-5	Sequence 5, Appli
4	86	22.2	1917	US-09-436-063C-5	Sequence 5, Appli
5	84.5	21.8	1036	US-09-949-016-6910	Sequence 6910, Ap
6	84.5	21.8	1049	US-09-949-016-11522	Sequence 11522, A
7	83	21.4	801	US-07-906-345A-6	Sequence 6, Appli
8	81	20.9	153	US-09-583-110-4534	Sequence 4534, Ap
9	81	20.9	153	US-09-107-433-2972	Sequence 2972, Ap
10	81	20.9	717	US-09-644-460-37	Sequence 37, Appli
11	78	20.1	2508	US-09-627-650B-7	Sequence 7, Appli
12	78	20.1	2508	US-09-436-063C-7	Sequence 7, Appli
13	78	20.1	2544	US-09-627-650B-3	Sequence 3, Appli
14	78	20.1	2544	US-09-436-063C-3	Sequence 3, Appli
15	78	20.1	2601	US-09-627-650B-9	Sequence 9, Appli
16	78	20.1	2601	US-09-436-063C-9	Sequence 9, Appli
17	77.5	20.0	39	US-08-036-555B-40	Sequence 40, Appli
18	77.5	20.0	39	US-08-469-563-40	Sequence 40, Appli
19	77.5	20.0	39	US-08-249-322A-40	Sequence 40, Appli
20	77.5	20.0	39	US-08-469-526A-40	Sequence 40, Appli
21	77.5	20.0	39	US-08-734-591A-40	Sequence 40, Appli
22	77.5	20.0	39	US-08-469-660-40	Sequence 40, Appli
23	77.5	20.0	39	US-08-735-021-40	Sequence 40, Appli
24	77.5	20.0	39	US-08-734-664A-40	Sequence 40, Appli
25	77.5	20.0	39	PCT-US94-05083C-40	Sequence 40, Appli
26	77.5	20.0	39	PCT-US95-06846A-40	Sequence 40, Appli
27	77	19.8	155	US-08-468-347-19	Sequence 19, Appli

28	77	19.8	155	2	US-08-467-389-19	Sequence 19, Appli
29	77	19.8	155	2	US-08-779-379-19	Sequence 19, Appli
30	77	19.8	155	2	US-08-469-219-19	Sequence 19, Appli
31	77	19.8	155	3	US-09-228-152-18	Sequence 18, Appli
32	77	19.8	197	2	US-08-468-347-24	Sequence 24, Appli
33	77	19.8	197	2	US-08-467-389-24	Sequence 24, Appli
34	77	19.8	197	2	US-08-779-379-24	Sequence 24, Appli
35	77	19.8	197	2	US-08-469-219-24	Sequence 24, Appli
36	77	19.8	197	3	US-09-228-152-24	Sequence 24, Appli
37	75	19.3	1128	4	US-09-627-650B-11	Sequence 11, Appli
38	75	19.3	1128	4	US-09-436-063C-11	Sequence 11, Appli
39	75	19.3	1652	4	US-09-627-650B-1	Sequence 1, Appli
40	75	19.3	1652	4	US-09-436-063C-1	Sequence 1, Appli
41	74	19.1	109	1	US-08-485-359-4	Sequence 4, Appli
42	74	19.1	109	1	US-08-569-594-4	Sequence 4, Appli
43	74	19.1	109	5	PCT-US96-08815-4	Sequence 4, Appli
44	73.5	18.9	943	3	US-08-476-515A-12	Sequence 12, Appli
45	73.5	18.9	944	3	US-08-652-877-12	Sequence 12, Appli

ALIGNMENTS

```
RESULT 1
US-07-899-535A-1
; Sequence 1, Application US/07899535A
; Patent No. 5428011
; GENERAL INFORMATION:
; APPLICANT: Sheth, Anil R.
; APPLICANT: Garde, Seema
; TITLE OF INVENTION: Panchal, Chandra J.
; TITLE OF INVENTION: Pharmaceutical Preparations For
; TITLE OF INVENTION: Inhibiting Tumours Associated With Prostate
; TITLE OF INVENTION: Adenocarcinoma, Stomach Cancer and Breast Cancer.
; NUMBER OF SEQUENCES: 4
; CORRESPONDENCE ADDRESS:
; ADDRESS: Mr. George Loud
; STREET: 2001 Jefferson Davis Highway, Suite 306
; CITY: Arlington
; STATE: Virginia
; COUNTRY: U.S.A.
; ZIP: 22202
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/899, 535A
; FILING DATE: 16-JUN-1992
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Loud, George A.
; REGISTRATION NUMBER: 25, 814
; REFERENCE/DOCKET NUMBER: S&B-A835
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 703-415-0960
; TELEFAX: 703-415-0962
; TELEX: 24 8614
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 94 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; HYPOTHEICAL: NO
; US-07-899-535A-1
;
Query Match      32.3%; Score 125.5; DB 1; Length 94;
Best Local Similarity 41.8%; Pred. No. 8e-06;
Matches 28; Conservative 2; Mismatches 12; Indels 25; Gaps 4;
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Qy 1 EMOTNCECTCYETEMQTDNCECTCYETE--MOTDNC-----ETC----- 40
Db 31 EMQTDNCECTCYETE-----ISCTTIVSPVGVGDKNQCRIFPKEDCKYIVVEKKDPKK 85
Qy 41 TCYETEW 47
Db 86 TCYSVSEW 92

RESULT 2
US-09-513-999C-7807
Sequence 7807, Application US/09513999C
Patent No. 6783961
GENERAL INFORMATION:
APPLICANT: Dumas Milne Edwards, J.B.
APPLICANT: Duclert, A.
APPLICANT: Giordano, J.Y.
TITLE OF INVENTION: Expressed Sequence Tags and Encoded Human Proteins.
Patent No. 6783961
FILE REFERENCE: 59.US2.REG
CURRENT APPLICATION NUMBER: US/09/513,999C
CURRENT FILING DATE: 2000-02-24
PRIOR APPLICATION NUMBER: US 60/122,487
PRIOR FILING DATE: 1999-02-26
NUMBER OF SEQ ID NOS: 36681
SOFTWARE: Patent.pm
SEQ ID NO 7807
LENGTH: 114
TYPE: PRT
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: SIGNAL
LOCATION: -20...-1
OTHER INFORMATION: score 9
OTHER INFORMATION: seq VVIFATFVTLGNA/SC
US-09-513-999C-7807

Query Match 32.3%; Score 125.5; DB 4; Length 114;
Best Local Similarity 41.8%; Pred. No. 9.5e-06;
Matches 28; Conservative 2; Mismatches 12; Indels 25; Gaps 4;

Qy 1 EMOTNCECTCYETEMQTDNCECTCYETE--MOTDNC-----ETC----- 40
Db 51 EMQTDNCECTCYETE-----ISCTTIVSPVGVGDKNQCRIFPKEDCKYIVVEKKDPKK 105

Qy 41 TCYETEW 47
Db 106 TCYSVSEW 112

RESULT 3
US-09-627-650B-5
Sequence 5, Application US/09627650B
Patent No. 6406872
GENERAL INFORMATION:
APPLICANT: Bamder, Bruce
APPLICANT: Jorgensen, Erik
TITLE OF INVENTION: Nematode Neuromuscular Junction GABA Receptors and
FILE REFERENCE: 21101.000903
CURRENT APPLICATION NUMBER: US/09/627,650B
CURRENT FILING DATE: 2000-07-28
PRIOR APPLICATION NUMBER: 09/436,063
PRIOR FILING DATE: 1999-11-08
PRIOR APPLICATION NUMBER: 60/107,727
PRIOR FILING DATE: 1998-11-09
NUMBER OF SEQ ID NOS: 50
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 5
LENGTH: 1917
TYPE: PRT
ORGANISM: Caenorhabditis elegans
US-09-627-650B-5

Query Match 22.2%; Score 86; DB 4; Length 1917;
Best Local Similarity 37.0%; Pred. No. 0.85;
Matches 20; Conservative 0; Mismatches 28; Indels 6; Gaps 2;
Qy 4 TDNCECTCYETEMQTDNCECTCYETEMQTDNCECTCYETEMQTDNCECTC 57
Db 1803 TTTCGAATCATTTCTGAAATATCTC-----TTATCTTCTC-AAAGATGGCATCGC 1850

RESULT 4
US-09-436-063C-5
Sequence 5, Application US/09436063C
Patent No. 6407210
GENERAL INFORMATION:
APPLICANT: Bamder, Bruce
APPLICANT: Jorgensen, Erik
TITLE OF INVENTION: Nematode Neuromuscular Junction GABA Receptors and
FILE REFERENCE: P-1095corrected
CURRENT APPLICATION NUMBER: US/09/436,063C
CURRENT FILING DATE: 1999-11-08
PRIOR APPLICATION NUMBER: 60/107727
PRIOR FILING DATE: 1998-11-09
NUMBER OF SEQ ID NOS: 18
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 5
LENGTH: 1917
TYPE: PRT
ORGANISM: Caenorhabditis elegans
US-09-436-063C-5

Query Match 22.2%; Score 86; DB 4; Length 1917;
Best Local Similarity 37.0%; Pred. No. 0.85;
Matches 20; Conservative 0; Mismatches 28; Indels 6; Gaps 2;

Qy 4 TDNCECTCYETEMQTDNCECTCYETEMQTDNCECTCYETEMQTDNCECTC 57
Db 1803 TTTCGAATCATTTCTGAAATATCTC-----TTATCTTCTC-AAAGATGGCATCGC 1850

RESULT 5
US-09-949-016-6910
Sequence 6910, Application US/09949016
Patent No. 6812339
GENERAL INFORMATION:
APPLICANT: VENTER, J. Craig et al.
TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
FILE REFERENCE: CLO01307
CURRENT APPLICATION NUMBER: US/09/949,016
CURRENT FILING DATE: 2000-04-14
PRIOR APPLICATION NUMBER: 60/241,755
PRIOR FILING DATE: 2000-10-20
PRIOR APPLICATION NUMBER: 60/237,768
PRIOR FILING DATE: 2000-10-03
PRIOR APPLICATION NUMBER: 60/231,498
PRIOR FILING DATE: 2000-09-08
NUMBER OF SEQ ID NOS: 207012
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 6910
LENGTH: 1036
TYPE: PRT
ORGANISM: Human
US-09-949-016-6910

Query Match 21.8%; Score 84.5; DB 4; Length 1036;
Best Local Similarity 22.7%; Pred. No. 0.68;
Matches 20; Conservative 9; Mismatches 30; Indels 29; Gaps 4;

Qy 2 MOTDNCCTCYETE--MOTDNCCTCYETEMQTDN--CETCT----- 41
Db 693 WNDSTCTGCTCHSGRVLCETFEVCPPLLCQNPSPRTQDSCCTGCTDQPPRPSLRNNSVNY 752

Qy 42 CYETE-----WQDNCETCTCYET 60
Db 753 CKNDGDIPLAASGKPKVCTSCICIDS 780

RESULT 6
US-09-949-016-11522
Sequence 11522, Application US/09949016
Patent No. 6812339
GENERAL INFORMATION:
APPLICANT: VENTER, J. Craig et al.
TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
FILE REFERENCE: CLO01307
CURRENT APPLICATION NUMBER: US/09/949,016
CURRENT FILING DATE: 2000-04-14
PRIOR APPLICATION NUMBER: 60/241,755
PRIOR FILING DATE: 2000-10-20
PRIOR APPLICATION NUMBER: 60/237,768
PRIOR FILING DATE: 2000-10-03
PRIOR APPLICATION NUMBER: 60/231,498
PRIOR FILING DATE: 2000-09-08
NUMBER OF SEQ ID NOS: 207012
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 11522
LENGTH: 1049
TYPE: PRT
ORGANISM: Human
US-09-949-016-11522

Query Match 21.8%; Score 84.5; DB 4; Length 1049;
Best Local Similarity 22.7%; Pred. No. 0.69;
Matches 20; Conservative 9; Mismatches 30; Indels 29; Gaps 4;
Qy 2 WQDNCETCTCYETE-WQDNCETCTCYETWQDNCETCTCT-----41
Db 706 WINDSCCTCTGSGRVLCEETVCPPLLCNPSRTQDSCCPOCTDQPFRRSLRNNSVENVY 765
Qy 42 CYETE-----WQDNCETCTCYET 60
Db 766 CKNDGDIPLAASGKPKVCTSCICIDS 793

RESULT 7
US-07-906-349A-6
Sequence 6, Application US/07906349A
Patent No. 5434064
GENERAL INFORMATION:
APPLICANT: Schliesinger, Joseph
APPLICANT: Skolnik, Edward Y.
APPLICANT: Margolis, Benjamin L.
TITLE OF INVENTION: A NOVEL EXPRESSION-CLONING METHOD FOR
IDENTIFYING TARGET PROTEINS FOR EUKARYOTIC TYROSINE KINASES AN
NUMBER OF SEQUENCES: 16
CORRESPONDENCE ADDRESS:
ADDRESSEE: Browdy and Neimark
STREET: 419 Seventh Street, N.W.
CITY: Washington
STATE: D.C.
COUNTRY: USA
ZIP: 20004
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/906,349A
FILING DATE: 30-JUN-1992
CLASSIFICATION: 435
PRIOR APPLICATION DATA:

APPLICATION NUMBER: 07/643,237
FILING DATE: 18-JAN-1991
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-628-5197
TELEFAX: 202-737-3528
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 801 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein
US-07-906-349A-6

Query Match 21.4%; Score 83; DB 1; Length 801;
Best Local Similarity 36.8%; Pred. No. 0.75;
Matches 21; Conservative 0; Mismatches 20; Indels 16; Gaps 3;
Qy 7 CECTCYETEMQDNCETCTCYETEMQDNCET-----CTCYETEMQDNCETCT 56
Db 587 CTCCTC-----TTTCCCTCCTT---TGCTTTTTCATCCTTTTCTCTCTCT 634

RESULT 8
US-09-583-110-4534
Sequence 4534, Application US/09583110
Patent No. 6699703
GENERAL INFORMATION:
APPLICANT: Lynn Doucette-Stamm et al.
TITLE OF INVENTION: Nucleic Acid and Amino Acid Sequences Relating to Streptococcus
FILE REFERENCE: PATH00-07A
CURRENT APPLICATION NUMBER: US/09/583,110
CURRENT FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: US 09/107,433
PRIOR FILING DATE: 1998-06-30
PRIOR APPLICATION NUMBER: US 60/085,131
PRIOR FILING DATE: 1998-05-12
PRIOR APPLICATION NUMBER: US 60/051,553
PRIOR FILING DATE: 1997-07-02
NUMBER OF SEQ ID NOS: 5322
SEQ ID NO 4534
LENGTH: 151
TYPE: PRT
ORGANISM: Streptococcus pneumoniae
US-09-583-110-4534

Query Match 20.9%; Score 81; DB 4; Length 151;
Best Local Similarity 28.1%; Pred. No. 0.26;
Matches 16; Conservative 12; Mismatches 29; Indels 0; Gaps 0;
Qy 3 QDNCETCTCYETEMQDNCETCTCYETEMQDNCETCTCYETEMQDNCETCTCYE 59
Db 45 KTDVSSKYCFEVDKTDVSSKYCFEVDKTDVSSKYCFEVDKTDVSSKYCFE 101

RESULT 9
US-09-107-433-2972
Sequence 2972, Application US/09107433
Patent No. 6800744
GENERAL INFORMATION:
APPLICANT: Lynn A Doucette-Stamm and David Bush
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID
SEQUENCES RELATING TO STREPTOCOCCUS PNEUMONIAE FOR DIAGNO
THERAPEUTICS
NUMBER OF SEQUENCES: 5206
CORRESPONDENCE ADDRESS:
ADDRESSEE: GENOME THERAPEUTICS CORPORATION
STREET: 100 Beaver Street
CITY: Waltham
STATE: Massachusetts
COUNTRY: USA
ZIP: 02154

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COMPUTER READABLE FORM:
MEDIUM TYPE: CD-ROM ISO9660
COMPUTER: <Unknown>
OPERATING SYSTEM: <Unknown>
SOFTWARE: <Unknown>
CURRENT APPLICATION DATA:
  APPLICATION NUMBER: US/09/107,433
  FILING DATE: 30-Jun-1998
  PRIOR APPLICATION DATA:
    APPLICATION NUMBER: 60/ 085131
    FILING DATE: May 12, 1998
    APPLICATION NUMBER: 60/051553
    FILING DATE: July 2, 1997
  ATTORNEY/AGENT INFORMATION:
    NAME: Arinello, Pamela Deneke
    REGISTRATION NUMBER: 40,489
    REFERENCE/DOCKET NUMBER: GTC-011
  TELECOMMUNICATION INFORMATION:
    TELEPHONE: (781)893-5007
    TELEFAX: (781)893-8277
  INFORMATION FOR SEQ ID NO: 2972:
    SEQUENCE CHARACTERISTICS:
      LENGTH: 153 amino acids
      TYPE: amino acid
      TOPOLOGY: linear
      MOLECULE TYPE: protein
      HYPOTHEetical: YES
      ORIGINAL SOURCE:
        ORGANISM: Streptococcus pneumoniae
        FEATURE:
          NAME/KEY: misc feature
          LOCATION: (B) LOCATION 1...153
          SEQUENCE DESCRIPTION: SEQ ID NO: 2972:
US-09-107-433-2972

Query Match      20.9%; Score 81; DB 4; Length 153;
Best Local Similarity 28.1%; Pred. No. 0.26;
Matches 16; Conservative 12; Mismatches 29; Indels 0; Gaps 0;

QY 3 QDNCCTCTCYETEMQDNCCTCTCYETEMQDNCCTCTCYETEMQDNCCTCTCYE 59
Db 47 KTDVSSKCYEVDKTDVSSKCYEVDKTDVSSKCYEVDKTDVSSKCYE 103

RESULT 10
US-09-644-460-37
Sequence 37, Application US/09644460
Patent No. 6657053
GENERAL INFORMATION:
  APPLICANT: Fisher, Paul B.
  TITLE OF INVENTION: Reciprocal Subtraction Differential
  FILE REFERENCE: 34587-C-PCT-USA
  CURRENT APPLICATION NUMBER: US/09/644,460
  CURRENT FILING DATE: 2000-08-23
  PRIOR APPLICATION NUMBER: PCT/US99/04323
  PRIOR FILING DATE: 1999-02-26
  PRIOR APPLICATION NUMBER: US 09/197,889
  PRIOR FILING DATE: 1998-11-23
  PRIOR APPLICATION NUMBER: US 09/185,115
  PRIOR FILING DATE: 1998-11-03
  PRIOR APPLICATION NUMBER: US 09/032,684
  PRIOR FILING DATE: 1998-02-27
  NUMBER OF SEQ ID NOS: 42
  SOFTWARE: FastSeq for Windows Version 4.0
  SEQ ID NO 37
  LENGTH: 717
  TYPE: PRT
  ORGANISM: homo sapiens
US-09-644-460-37

Query Match      20.9%; Score 81; DB 4; Length 717;
Best Local Similarity 31.9%; Pred. No. 1.1;
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Matches 22; Conservative 1; Mismatches 22; Indels 24; Gaps 4;

QY 6 NCCTCTCYETEMQDNC-----ETCTCYETEMQDNC-----ETCTCYETEMQDNC 51
Db 230 NNTCTCTNT---TNNCTCAGTGTCACCTTCACCTNCGAANCNTNNITGCG-----TN 279

QY 52 CECTCTCYET 60
Db 280 CCCCNCNGT 288

RESULT 11
US-09-627-650B-7
Sequence 7, Application US/09627650B
Patent No. 6406872
GENERAL INFORMATION:
  APPLICANT: Bamber, Bruce
  TITLE OF INVENTION: Nematode Neuromuscular Junction GABA Receptors and
  FILE REFERENCE: 21101.000903
  CURRENT APPLICATION NUMBER: US/09/627,650B
  CURRENT FILING DATE: 2000-07-28
  PRIOR APPLICATION NUMBER: 09/436,063
  PRIOR FILING DATE: 1999-11-08
  PRIOR APPLICATION NUMBER: 60/107,727
  PRIOR FILING DATE: 1998-11-09
  NUMBER OF SEQ ID NOS: 50
  SOFTWARE: Patentln Ver. 2.1
  SEQ ID NO 7
  LENGTH: 2508
  TYPE: PRT
  ORGANISM: Caenorhabditis elegans
US-09-627-650B-7

Query Match      20.1%; Score 78; DB 4; Length 2508;
Best Local Similarity 33.3%; Pred. No. 6.5;
Matches 20; Conservative 0; Mismatches 34; Indels 6; Gaps 1;

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Db 897 CTACACTATGAACATCTCATCCCATCCATCCGATGTCACCATATCTTGGGTATCATTT 956

RESULT 12
US-09-436-063C-7
Sequence 7, Application US/09436063C
Patent No. 6407210
GENERAL INFORMATION:
  APPLICANT: Bamber, Bruce
  TITLE OF INVENTION: Nematode Neuromuscular Junction GABA Receptors and
  FILE REFERENCE: P-1095corrected
  CURRENT APPLICATION NUMBER: US/09/436,063C
  CURRENT FILING DATE: 1999-11-08
  PRIOR APPLICATION NUMBER: 60/107727
  PRIOR FILING DATE: 1998-11-09
  NUMBER OF SEQ ID NOS: 18
  SOFTWARE: Patentln Ver. 2.1
  SEQ ID NO 7
  LENGTH: 2508
  TYPE: PRT
  ORGANISM: Caenorhabditis elegans
US-09-436-063C-7

Query Match      20.1%; Score 78; DB 4; Length 2508;
Best Local Similarity 33.3%; Pred. No. 6.5;
Matches 20; Conservative 0; Mismatches 34; Indels 6; Gaps 1;
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RESULT 13
US-09-627-650B-3
; Sequence 3, Application US/09627650B
; Patent No. 6406872
; GENERAL INFORMATION:
; APPLICANT: Bamder, Bruce
; APPLICANT: Jorgensen, Erik
; TITLE OF INVENTION: Nematode Neuromuscular Junction GABA Receptors and
; TITLE OF INVENTION: Methods Related Thereto
; FILE REFERENCE: 21101.0009U3
; CURRENT APPLICATION NUMBER: US/09/627, 650B
; CURRENT FILING DATE: 2000-07-28
; PRIOR APPLICATION NUMBER: 09/436,063
; PRIOR FILING DATE: 1999-11-08
; PRIOR APPLICATION NUMBER: 60/107,727
; PRIOR FILING DATE: 1998-11-09
; NUMBER OF SEQ ID NOS: 50
; SOFTWARE: Patentln Ver. 2.1
; SEQ ID NO 3
; LENGTH: 2544
; TYPE: PRT
; ORGANISM: Caenorhabditis elegans
US-09-627-650B-3

Query Match          20.1%; Score 78; DB 4; Length 2544;
Best Local Similarity 33.3%; Pred. No. 6.6;
Matches 20; Conservative 0; Mismatches 34; Indels 6; Gaps 1;

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RESULT 14
US-09-436-063C-3
; Sequence 3, Application US/09436063C
; Patent No. 6407210
; GENERAL INFORMATION:
; APPLICANT: Bamder, Bruce
; APPLICANT: Jorgensen, Erik
; TITLE OF INVENTION: Nematode Neuromuscular Junction GABA Receptors and
; TITLE OF INVENTION: Methods Related Thereto
; FILE REFERENCE: P-1095corrected
; CURRENT APPLICATION NUMBER: US/09/436,063C
; CURRENT FILING DATE: 1999-11-08
; PRIOR APPLICATION NUMBER: 60/107727
; PRIOR FILING DATE: 1998-11-09
; NUMBER OF SEQ ID NOS: 18
; SOFTWARE: Patentln Ver. 2.1
; SEQ ID NO 3
; LENGTH: 2544
; TYPE: PRT
; ORGANISM: Caenorhabditis elegans
US-09-436-063C-3

Query Match          20.1%; Score 78; DB 4; Length 2544;
Best Local Similarity 33.3%; Pred. No. 6.6;
Matches 20; Conservative 0; Mismatches 34; Indels 6; Gaps 1;

Qy 7 CECTCYETEMQNDNCETC-----TCYETEMQNDNCETCYETEMQNDNCETCYET 60
Db 897 CTACACTATGAAACATCGTCATCCCATCCATCCTGATCGTACACATATCTTGGGTATCATTT 956

RESULT 15
US-09-627-650B-9
; Sequence 9, Application US/09627650B
; Patent No. 6406872
; GENERAL INFORMATION:
; APPLICANT: Bamder, Bruce
; APPLICANT: Jorgensen, Erik
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; TITLE OF INVENTION: Nematode Neuromuscular Junction GABA Receptors and
; TITLE OF INVENTION: Methods Related Thereto
; FILE REFERENCE: 21101.0009U3
; CURRENT APPLICATION NUMBER: US/09/627, 650B
; CURRENT FILING DATE: 2000-07-28
; PRIOR APPLICATION NUMBER: 09/436,063
; PRIOR FILING DATE: 1999-11-08
; PRIOR APPLICATION NUMBER: 60/107,727
; PRIOR FILING DATE: 1998-11-09
; NUMBER OF SEQ ID NOS: 50
; SOFTWARE: Patentln Ver. 2.1
; SEQ ID NO 9
; LENGTH: 2601
; TYPE: PRT
; ORGANISM: Caenorhabditis elegans
US-09-627-650B-9

Query Match          20.1%; Score 78; DB 4; Length 2601;
Best Local Similarity 33.3%; Pred. No. 6.7;
Matches 20; Conservative 0; Mismatches 34; Indels 6; Gaps 1;

Qy 7 CECTCYETEMQNDNCETC-----TCYETEMQNDNCETCYETEMQNDNCETCYET 60
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OM protein - protein search, using sw model

Run on: July 27, 2005, 19:20:53 ; Search time 113.236 Seconds
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206.113 Million cell updates/sec

Title: US-09-977-406A-92
Perfect score: 388
Sequence: 1 EMQDNCETCTCYETEMQTD.....TCYETEMQDNCETCTCYET 60

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Total number of hits satisfying chosen parameters: 1741741

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Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Published Applications_AA:*

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- 13: /cgn2_6/ptodata/1/pubpaa/US10_PUBCOMB.pep.*
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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2	388	100.0	60	17	US-10-948-229-91
3	388	100.0	60	20	US-11-004-270-91
4	388	100.0	60	20	US-11-004-270-91
5	291	75.0	45	10	US-09-977-406A-91
6	291	75.0	45	17	US-10-948-229-90
7	291	75.0	45	20	US-11-004-270-90
8	291	75.0	45	20	US-11-004-273-90
9	194	50.0	30	10	US-09-977-406A-90
10	194	50.0	30	17	US-10-948-229-89
11	194	50.0	30	20	US-11-004-270-89

12	194	50.0	30	20	US-11-004-273-89	Sequence 89, App1
13	133.5	34.1	119	15	US-10-291-172-612	Sequence 612, App
14	133.5	34.1	119	15	US-10-221-278-612	Sequence 612, App
15	125.5	32.3	62	10	US-09-977-406A-56	Sequence 56, App1
16	125.5	32.3	62	17	US-10-948-229-55	Sequence 55, App1
17	125.5	32.3	62	20	US-11-004-270-55	Sequence 55, App1
18	125.5	32.3	62	20	US-11-004-273-55	Sequence 55, App1
19	125.5	32.3	63	10	US-09-977-406A-57	Sequence 57, App1
20	125.5	32.3	63	17	US-10-948-229-56	Sequence 56, App1
21	125.5	32.3	63	20	US-11-004-270-56	Sequence 56, App1
22	125.5	32.3	63	20	US-11-004-273-56	Sequence 56, App1
23	125.5	32.3	64	10	US-09-977-406A-58	Sequence 58, App1
24	125.5	32.3	64	17	US-10-948-229-57	Sequence 57, App1
25	125.5	32.3	64	20	US-11-004-270-57	Sequence 57, App1
26	125.5	32.3	64	20	US-11-004-273-57	Sequence 57, App1
27	125.5	32.3	94	10	US-09-977-406A-1	Sequence 1, App1
28	125.5	32.3	94	14	US-10-291-360-1	Sequence 1, App1
29	125.5	32.3	94	17	US-10-857-358-1	Sequence 1, App1
30	125.5	32.3	94	17	US-10-948-229-1	Sequence 1, App1
31	125.5	32.3	94	20	US-11-004-270-1	Sequence 1, App1
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33	125.5	32.3	102	10	US-09-977-406A-2	Sequence 2, App1
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35	125.5	32.3	102	17	US-10-857-358-2	Sequence 2, App1
36	125.5	32.3	102	17	US-10-948-229-2	Sequence 2, App1
37	125.5	32.3	102	20	US-11-004-270-2	Sequence 2, App1
38	125.5	32.3	102	20	US-11-004-273-2	Sequence 2, App1
39	125.5	32.3	114	13	US-10-012-896-1003	Sequence 1003, App
40	125.5	32.3	114	13	US-10-205-823-271	Sequence 271, App
41	125.5	32.3	114	14	US-10-144-678A-11003	Sequence 1003, App
42	125.5	32.3	114	14	US-10-294-025-1003	Sequence 1003, App
43	125.5	32.3	114	15	US-10-291-172-236	Sequence 236, App
44	125.5	32.3	114	15	US-10-221-278-236	Sequence 236, App
45	125.5	32.3	114	16	US-10-408-765A-532	Sequence 532, App

ALIGNMENTS

RESULT 1
US-09-977-406A-92
; Sequence 92, Application US/09977406A
; Publication No. US20030170220A1
; GENERAL INFORMATION:
; APPLICANT: PROCOON BIOPHARMA INC.
; TITLE OF INVENTION: PHARMACEUTICAL PREPARATIONS AND METHODS FOR INHIBITING TUMORS
; FILE REFERENCE: 06508-030-US-03
; CURRENT FILING DATE: 2001-10-15
; PRIOR APPLICATION NUMBER: CA 2,321,256
; PRIOR FILING DATE: 2000-10-16
; PRIOR APPLICATION NUMBER: CA 2,355,334
; PRIOR FILING DATE: 2001-08-20
; NUMBER OF SEQ ID NOS: 92
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 92
; LENGTH: 60
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Polypeptide derived from PCK145 sequence (polypeptide analog)
US-09-977-406A-92

Query Match 100.0%; Score 388; DB 10; Length 60;
Best Local Similarity 100.0%; Pred. No. 7e-31;
Matches 60; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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DB 1 EMQDNCETCTCYETEMQDNCETCTCYETEMQDNCETCTCYET 60

RESULT 2

US-10-948-229-91
; Sequence 91, Application US/10948229
; Publication No. US20050096273A1
; GENERAL INFORMATION:
; APPLICANT: Panchal, Chandra J
; APPLICANT: Daigneault, Luc
; APPLICANT: Hawkins, Robert
; APPLICANT: Ruiz, Marcia
; APPLICANT: Garde, Seema
; TITLE OF INVENTION: REGULATION OF MATRIX METALLOPROTEINASES BY PSP94 FAMILY MEMBERS
; FILE REFERENCE: BKP-022
; CURRENT APPLICATION NUMBER: US/10/948, 229
; CURRENT FILING DATE: 2004-09-24
; PRIOR APPLICATION NUMBER: CA 2,441,695
; PRIOR FILING DATE: 2003-09-26
; NUMBER OF SEQ ID NOS: 91
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 91
; LENGTH: 60
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PSP94 family member
US-10-948-229-91

Query Match 100.0%; Score 388; DB 17; Length 60;
Best Local Similarity 100.0%; Pred. No. 7e-31;
Matches 60; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db 1 EMOTDNCETCTCYETEMQDNCETCTCYETEMQDNCETCTCYET 60

RESULT 3
US-11-004-270-91
; Sequence 91, Application US/11004270
; Publication No. US20050147601A1
; GENERAL INFORMATION:
; APPLICANT: Panchal, Chandra J.
; APPLICANT: Wu, Jinzi
; APPLICANT: Bellevue, Richard
; APPLICANT: Ruiz, Marcia
; APPLICANT: Garde, Seema
; APPLICANT: Annabi, Borhane
; APPLICANT: Lamy, Sylvie
; APPLICANT: Bouzeghrane, Mounia
; APPLICANT: Daigneault, Luc
; APPLICANT: Hawkins, Robert
; TITLE OF INVENTION: REGULATION OF CELL MIGRATION AND ADHESION
; FILE REFERENCE: BKP-020
; CURRENT APPLICATION NUMBER: US/11/004, 270
; CURRENT FILING DATE: 2004-12-02
; PRIOR APPLICATION NUMBER: US 10/948,229
; PRIOR FILING DATE: 2004-09-24
; PRIOR APPLICATION NUMBER: CA 2,441,695
; PRIOR FILING DATE: 2003-09-26
; NUMBER OF SEQ ID NOS: 99
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 91
; LENGTH: 60
; TYPE: PRT
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: PCK3145 derivative
US-11-004-270-91

Query Match 100.0%; Score 388; DB 20; Length 60;
Best Local Similarity 100.0%; Pred. No. 7e-31;
Matches 60; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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Db 1 EMOTDNCETCTCYETEMQDNCETCTCYETEMQDNCETCTCYET 60

Db 1 EMOTDNCETCTCYETEMQDNCETCTCYETEMQDNCETCTCYET 60

RESULT 4
US-11-004-273-91
; Sequence 91, Application US/11004273
; Publication No. US20050148514A1
; GENERAL INFORMATION:
; APPLICANT: Panchal, Chandra J.
; APPLICANT: Wu, Jinzi
; APPLICANT: Bellevue, Richard
; APPLICANT: Ruiz, Marcia
; APPLICANT: Garde, Seema
; APPLICANT: Annabi, Borhane
; APPLICANT: Lamy, Sylvie
; APPLICANT: Bouzeghrane, Mounia
; APPLICANT: Daigneault, Luc
; APPLICANT: Hawkins, Robert
; TITLE OF INVENTION: METHOD AND COMPOSITION FOR TREATMENT OF ANGIOGENESIS
; FILE REFERENCE: BKP-021
; CURRENT APPLICATION NUMBER: US/11/004, 273
; CURRENT FILING DATE: 2004-12-02
; PRIOR APPLICATION NUMBER: US 10/948,229
; PRIOR FILING DATE: 2004-09-24
; PRIOR APPLICATION NUMBER: CA 2,441,695
; PRIOR FILING DATE: 2003-09-26
; NUMBER OF SEQ ID NOS: 99
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 91
; LENGTH: 60
; TYPE: PRT
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: PCK3145 derivative
US-11-004-273-91

Query Match 100.0%; Score 388; DB 20; Length 60;
Best Local Similarity 100.0%; Pred. No. 7e-31;
Matches 60; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db 1 EMOTDNCETCTCYETEMQDNCETCTCYETEMQDNCETCTCYET 60

RESULT 5
US-09-977-406A-91
; Sequence 91, Application US/09977406A
; Publication No. US20030170220A1
; GENERAL INFORMATION:
; APPLICANT: PROCYON BIOPHARMA INC.
; TITLE OF INVENTION: PHARMACEUTICAL PREPARATIONS AND METHODS FOR INHIBITING TUMORS
; FILE REFERENCE: 06508-030-US-03
; CURRENT APPLICATION NUMBER: US/09/977, 406A
; CURRENT FILING DATE: 2001-10-15
; PRIOR APPLICATION NUMBER: CA 2,321,256
; PRIOR FILING DATE: 2000-10-16
; PRIOR APPLICATION NUMBER: CA 2,355,334
; PRIOR FILING DATE: 2001-08-20
; NUMBER OF SEQ ID NOS: 92
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 91
; LENGTH: 45
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Polypeptide derived from PCK3145 sequence (polypeptide analog)
US-09-977-406A-91

Query Match 75.0%; Score 291; DB 10; Length 45;
Best Local Similarity 100.0%; Pred. No. 1.4e-21;
Matches 45; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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RESULT 6
US-10-948-229-90
; Sequence 90, Application US/10948229
; Publication No. US20050096273A1
; GENERAL INFORMATION:
; APPLICANT: Panchal, Chandra J
; APPLICANT: Daigneault, Luc
; APPLICANT: Hawkins, Robert
; APPLICANT: Ruiz, Marcia
; APPLICANT: Seema
; TITLE OF INVENTION: REGULATION OF MATRIX METALLOPROTEINASES BY PSP94 FAMILY MEMBERS
; FILE REFERENCE: BKP-022
; CURRENT APPLICATION NUMBER: US/10/948, 229
; CURRENT FILING DATE: 2004-09-24
; PRIOR APPLICATION NUMBER: CA 2,441,695
; PRIOR FILING DATE: 2003-09-26
; NUMBER OF SEQ ID NOS: 91
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 90
; LENGTH: 45
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PSP94 family member
US-10-948-229-90

Query Match 75.0%; Score 291; DB 17; Length 45;
Best Local Similarity 100.0%; Pred. No. 1,4e-21;
Matches 45; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db 1 EWQDNCETCTCYETEMQDNCETCTCYETEMQDNCETCTCYET 45

RESULT 7
US-11-004-270-90
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; Publication No. US20050147601A1
; GENERAL INFORMATION:
; APPLICANT: Panchal, Chandra J.
; APPLICANT: Wu, Jinzi
; APPLICANT: Bellevue, Richard
; APPLICANT: Ruiz, Marcia
; APPLICANT: Garde, Seema
; APPLICANT: Annabi, Borhane
; APPLICANT: Lamy, Sylvie
; APPLICANT: Bouzeghrane, Mounia
; APPLICANT: Daigneault, Luc
; APPLICANT: Hawkins, Robert
; TITLE OF INVENTION: REGULATION OF CELL MIGRATION AND ADHESION
; FILE REFERENCE: BKP-020
; CURRENT APPLICATION NUMBER: US/11/004,270
; CURRENT FILING DATE: 2004-12-02
; PRIOR APPLICATION NUMBER: US 10/948,229
; PRIOR FILING DATE: 2004-09-24
; PRIOR APPLICATION NUMBER: CA 2,441,695
; PRIOR FILING DATE: 2003-09-26
; NUMBER OF SEQ ID NOS: 99
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 90
; LENGTH: 45
; TYPE: PRT
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: PCK3145 derivative
US-11-004-270-90

Query Match 75.0%; Score 291; DB 20; Length 45;
Best Local Similarity 100.0%; Pred. No. 1,4e-21;
Matches 45; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db 1 EWQDNCETCTCYETEMQDNCETCTCYETEMQDNCETCTCYET 45

RESULT 8
US-11-004-273-90
; Sequence 90, Application US/11004273
; Publication No. US2005014851A1
; GENERAL INFORMATION:
; APPLICANT: Panchal, Chandra J.
; APPLICANT: Wu, Jinzi
; APPLICANT: Bellevue, Richard
; APPLICANT: Ruiz, Marcia
; APPLICANT: Garde, Seema
; APPLICANT: Annabi, Borhane
; APPLICANT: Lamy, Sylvie
; APPLICANT: Bouzeghrane, Mounia
; APPLICANT: Daigneault, Luc
; APPLICANT: Hawkins, Robert
; TITLE OF INVENTION: METHOD AND COMPOSITION FOR TREATMENT OF ANGIOGENESIS
; FILE REFERENCE: BKP-021
; CURRENT APPLICATION NUMBER: US/11/004,273
; CURRENT FILING DATE: 2004-12-02
; PRIOR APPLICATION NUMBER: US 10/948,229
; PRIOR FILING DATE: 2004-09-24
; PRIOR APPLICATION NUMBER: CA 2,441,695
; PRIOR FILING DATE: 2003-09-26
; NUMBER OF SEQ ID NOS: 99
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 90
; LENGTH: 45
; TYPE: PRT
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: PCK3145 derivative
US-11-004-273-90

Query Match 75.0%; Score 291; DB 20; Length 45;
Best Local Similarity 100.0%; Pred. No. 1,4e-21;
Matches 45; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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RESULT 9
US-09-977-406A-90
; Sequence 90, Application US/09977406A
; Publication No. US20030170220A1
; GENERAL INFORMATION:
; APPLICANT: PROCYON BIOPHARMA INC.
; TITLE OF INVENTION: PHARMACEUTICAL PREPARATIONS AND METHODS FOR INHIBITING TUMORS
; FILE REFERENCE: 06508-030-US-03
; CURRENT APPLICATION NUMBER: US/09/977,406A
; CURRENT FILING DATE: 2001-10-15
; PRIOR APPLICATION NUMBER: CA 2,321,256
; PRIOR FILING DATE: 2000-10-16
; PRIOR APPLICATION NUMBER: CA 2,355,334
; PRIOR FILING DATE: 2001-08-20
; NUMBER OF SEQ ID NOS: 92
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 90
; LENGTH: 30
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Polypeptide derived from PCK3145 sequence (polypeptide analog)
US-11-004-270-90

US-09-977-406a-90

Query Match 50.0%; Score 194; DB 10; Length 30;
Best Local Similarity 100.0%; Pred. No. 2,7e-12;
Matches 30; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 EMQDNCETCTCYETEMQDNCETCTCYET 30
Db 1 EMQDNCETCTCYETEMQDNCETCTCYET 30

RESULT 10

US-10-948-229-89
; Sequence 89, Application US/10948229
; Publication No. US20050096273A1
; GENERAL INFORMATION:
; APPLICANT: Panchal, Chandra J
; APPLICANT: Daigneault, Luc
; APPLICANT: Hawkins, Robert
; APPLICANT: Ruiz, Marcia
; APPLICANT: Garde, Seema
; TITLE OF INVENTION: REGULATION OF MATRIX METALLOPROTEINASES BY PSP94 FAMILY MEMBERS
; FILE REFERENCE: BKP-022
; CURRENT APPLICATION NUMBER: US/10/948,229
; PRIOR FILING DATE: 2004-09-24
; PRIOR APPLICATION NUMBER: CA 2,441,695
; PRIOR FILING DATE: 2003-09-26
; NUMBER OF SEQ ID NOS: 91
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 89
; LENGTH: 30
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PSP94 family member
US-10-948-229-89

Query Match 50.0%; Score 194; DB 17; Length 30;
Best Local Similarity 100.0%; Pred. No. 2,7e-12;
Matches 30; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 EMQDNCETCTCYETEMQDNCETCTCYET 30
Db 1 EMQDNCETCTCYETEMQDNCETCTCYET 30

RESULT 11

US-11-004-270-89
; Sequence 89, Application US/11004270
; Publication No. US20050147601A1
; GENERAL INFORMATION:
; APPLICANT: Panchal, Chandra J.
; APPLICANT: Wu, Jinzi
; APPLICANT: Beliveau, Richard
; APPLICANT: Ruiz, Marcia
; APPLICANT: Garde, Seema
; APPLICANT: Annabi, Borhane
; APPLICANT: Lamy, Sylvie
; APPLICANT: Bouzeghrane, Mounia
; APPLICANT: Daigneault, Luc
; APPLICANT: Hawkins, Robert
; TITLE OF INVENTION: REGULATION OF CELL MIGRATION AND ADHESION
; FILE REFERENCE: BKP-020
; CURRENT APPLICATION NUMBER: US/11/004,270
; PRIOR FILING DATE: 2004-12-02
; PRIOR APPLICATION NUMBER: US 10/948,229
; PRIOR FILING DATE: 2004-09-24
; PRIOR APPLICATION NUMBER: CA 2,441,695
; PRIOR FILING DATE: 2003-09-26
; NUMBER OF SEQ ID NOS: 99
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 89
; LENGTH: 30

; TYPE: PRT
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: PCK3145 derivative
US-11-004-270-89

Query Match 50.0%; Score 194; DB 20; Length 30;
Best Local Similarity 100.0%; Pred. No. 2,7e-12;
Matches 30; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 EMQDNCETCTCYETEMQDNCETCTCYET 30
Db 1 EMQDNCETCTCYETEMQDNCETCTCYET 30

RESULT 12

US-11-004-273-89
; Sequence 89, Application US/11004273
; Publication No. US20050148514A1
; GENERAL INFORMATION:
; APPLICANT: Panchal, Chandra J.
; APPLICANT: Wu, Jinzi
; APPLICANT: Beliveau, Richard
; APPLICANT: Ruiz, Marcia
; APPLICANT: Garde, Seema
; APPLICANT: Annabi, Borhane
; APPLICANT: Lamy, Sylvie
; APPLICANT: Bouzeghrane, Mounia
; APPLICANT: Daigneault, Luc
; APPLICANT: Hawkins, Robert
; TITLE OF INVENTION: METHOD AND COMPOSITION FOR TREATMENT OF ANGIOGENESIS
; FILE REFERENCE: BKP-021
; CURRENT APPLICATION NUMBER: US/11/004,273
; PRIOR FILING DATE: 2004-12-02
; PRIOR APPLICATION NUMBER: US 10/948,229
; PRIOR FILING DATE: 2004-09-24
; PRIOR APPLICATION NUMBER: CA 2,441,695
; PRIOR FILING DATE: 2003-09-26
; NUMBER OF SEQ ID NOS: 99
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 89
; LENGTH: 30
; TYPE: PRT
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: PCK3145 derivative
US-11-004-273-89

Query Match 50.0%; Score 194; DB 20; Length 30;
Best Local Similarity 100.0%; Pred. No. 2,7e-12;
Matches 30; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 EMQDNCETCTCYETEMQDNCETCTCYET 30
Db 1 EMQDNCETCTCYETEMQDNCETCTCYET 30

RESULT 13

US-10-291-172-612
; Sequence 612, Application US/10291172
; Publication No. US20030228584A1
; GENERAL INFORMATION:
; APPLICANT: Hyseq, Inc
; TITLE OF INVENTION: No. US20030228584A1 Nucleic Acids and Polypeptides
; FILE REFERENCE: 21272-045
; CURRENT APPLICATION NUMBER: US/10/291,172
; PRIOR FILING DATE: 2000-11-08
; PRIOR APPLICATION NUMBER: 09/693,267
; PRIOR FILING DATE: 2000-10-20
; PRIOR APPLICATION NUMBER: 09/665,363
; PRIOR FILING DATE: 2000-09-19
; PRIOR APPLICATION NUMBER: 09/616,847
; PRIOR FILING DATE: 2000-07-14

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